ABB KM26S Magnetic Level Gauge datasheet

http://www.manuallib.com/abb/km26s-magnetic-level-gauge-datasheet.html

Features
−− Highly visible level indication with no process fluid in contact with the glass
−− All construction in-house by code certified welders
−− Float designed and weighted for maximum accuracy with 75 grams minimum upward buoyant force
−− Transmitter and switch options which can be installed, adjusted and maintained with no process interruption
−− Safe for corrosive, flammable, toxic, high-temperature and high-pressure applications
−− Rugged design - low or no maintenance

Datasheet DS/KM26S_Custom-EN_Rev. J

KM26S Custom Configuration Guide
Magnetic level gauge
K-TEK products

Measurement made easy

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Available materials
- Stainless steel—304/304L, 316/316L, 317/317L, 321, 347, 904
- Alloy 20
- Hastelloy—B, C-276
- Incoloy 600, 625, 800, 825
- Aluminum
- Titanium
- Teflon® (registered trademark of DuPont) coated stainless steel
- Fiberglass—epoxy or vinyl ester resin
- PVC, CPVC, Kynar
- Polypropylene
- Zirconium
- Monel
- For other materials consult factory

Process capabilities
- Full vacuum to 5000 PSI / 351 kg/cm^2
- -320 to 1000°F/ -196 to 538°C
- 0.25 specific gravity
- All liquid viscosities
- Interfaces as Low as .03ΔSG

Testing and documentation available upon request
- Radiographic examination
- Liquid dye penetrant examination
- Hydrostatic examination
- PMI (Positive Material Identification) material certification
- ASME “U,” “UM,” or “S” stamp
- Third party inspection
- Material Certificates
- ANSI/ASME B31.1, B31.3
- PED certification
- NACE MR0103, NACE MR0175
- Canadian registration number (CRN)
- Marine and industrial type approval for high-pressure boilers
- Mechanical Function Test
- Float Curves (Total Level only)

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KM26S Magnetic Level Gauge
Model Number Configuration

KM26S.a.b.c.d.e.f.g.h.i.j *- list additional required ordering codes separated by periods*

a Chamber Material - Select from Table 1

b Connection Material - Select from Table 1
Note: When the chamber material selected is a coated option, the connection materials will also have that same coating type applied.

c Top Connection Code Option - Select from Table 2

d1-dx Side Connection Code Option(s) - Select from Table 2

e Bottom Connection Code Option - Select from Table 2

f Top Connection Size and Rating - Select from Table 3
Note: X shall be specified for B0, D0, S0, SW0, T0 and W0 code options. Only a size designation shall be specified for B1, B10, D1, D10, L1, SW1, SW10, W1, W10, W1E and W1S code options.

g1-gx Side Connection Sizes and Ratings - Select from Table 3
Note: Designate each individually from top to bottom corresponding to each side option selected.

h Bottom Connection Size and Rating - Select from Table 3
Note: X shall be specified for B0, D0, S0, SW0, T0 and W0 code options. Only a size designation shall be specified for B1, B10, D1, D10, L1, SW1, SW10, W1, W10, W1E and W1S code options.

i Indicator Type

S1P	Fluorescent Shuttle with Permanently Sealed Lexan Tube (250ºF/121ºC max)[1,4,5]
S1G	Fluorescent Shuttle with Hermetically Sealed Glass Tube (350ºF/177ºC max)[1,4,5]
S2G	High Temperature Shuttle with Hermetically Sealed Glass Tube (1000ºF/538ºC max)[1,4,5]
M1P	Yellow/Black MBG with Permanently Sealed Lexan Tube (250ºF/121ºC max)[2,4,5]
M2P	Red/White MBG with Permanently Sealed Lexan Tube (250ºF/121ºC max[2,4,5]
M3P	Red/Green MBG with Permanently Sealed Lexan Tube (250ºF/121ºC max)[2,4,5]
M4P	Red/Black MBG with Permanently Sealed Lexan Tube (250ºF/121ºC max)[2,4,5]
M1G	Yellow/Black MBG with Hermetically Sealed Glass Tube (650ºF/343ºC max)[3,4,5]
M2G	Red/White MBG with Hermetically Sealed Glass Tube (650ºF/343ºC max)[3,4,5]
M3G	Red/Green MBG with Hermetically Sealed Glass Tube (650ºF/343ºC max)[3,4,5]
M4G	Red/Black MBG with Hermetically Sealed Glass Tube (650ºF/343ºC max)[3,4,5]
CM1A	Yellow/Black MBG with Acrylic Frost Extension for -100ºF/-73ºC min; (250°F/121°C max)[2,4,5]
CM2A	Red/White MBG with Acrylic Frost Extension for -100ºF/-73ºC min; (250°F/121°C max)[2,4,5]
CM3A	Red/Green MBG with Acrylic Frost Extension for -100ºF/-73ºC min; (250°F/121°C max)[2,4,5]
CM4A	Red/Black MBG with Acrylic Frost Extension for -100ºF/-73ºC min; (250°F/121°C max)[2,4,5]
CM1B	Yellow/Black MBG with Acrylic Frost Extension for -200ºF/-129ºC min; (250°F/121°C max)[2,4,5]
CM2B	Red/White MBG with Acrylic Frost Extension for -200ºF/-129ºC min; (250°F/121°C max)[2,4,5]
CM3B	Red/Green MBG with Acrylic Frost Extension for –200ºF/-129ºC min; (250°F/121°C max)[2,4,5]
CM4B	Red/Black MBG with Acrylic Frost Extension for –200ºF/-129ºC min; (250°F/121°C max)[2,4,5]
CM1C	Yellow/Black MBG with Acrylic Frost Extension for -320ºF/-196ºC min; (250°F/121°C max)[2,4,5]
CM2C	Red/White MBG with Acrylic Frost Extension for -320ºF/-196ºC min; (250°F/121°C max)[2,4,5]
CM3C	Red/Green MBG with Acrylic Frost Extension for -320ºF/-196ºC min; (250°F/121°C max)[2,4,5]
CM4C	Red/Black MBG with Acrylic Frost Extension for -320ºF/-196ºC min; (250°F/121°C max)[2,4,5]
X	None

Notes:

1. Not available when a single transmitter is used for total & interface level combined.
2. Add “IH” as an additional ordering code to include insulation pad behind the indicator to increase the temperature rating to 350°F/177°C.
3. Add “IHT” as an additional ordering code to include insulation pad and TEMPKOAT™ behind the indicator to increase the MBG temperature rating to 1000°F/538°C. (The “IHT” option is not used when chamber insulation with TEMPKOAT ordering codes IH2T, IH2DT, IH3T and IH3DT are selected.)
4. Add “D” as a suffix to the indicator type when dual level indication (total and interface) is required.
5. Add “F” as a suffix to the indicator type when “float failure” indication is required.

j Indicator Scale/Ruler

N	No indicator channel (must select “N” for Indicator Type)
A	SS channel; no scale
B	SS channel; SS scale marked in ft / inches with 1/2” divisions (from 0 to 50 ft. standard[3])
C	SS channel; SS scale marked in meters/centimeters with 1 cm divisions[1,3]
D	SS channel; SS scale marked in running inches with 1/2” divisions[2,3]
E	SS channel; SS scale marked in running inches with 1/8” divisions[2,3]
F	SS channel; custom SS scale (%, gallons, liters, etc.); Provide details of custom scale separate from model #.
G	SS channel; custom plastic scale (%, gallons, liters, etc.) (200ºF/93ºC max); Provide details of custom scale separate from model number
H	SS channel; dual scale; Specify types separately from model number.

Notes:
1. Standard rulers begin with 0 cm but can be specified from –100 cm to 10 meters.
2. Standard rulers begin with 0 inches but can be specified from: 1/2” divisions: -48” to 216” OR 1/8” divisions: -48” to 144”
3. Custom rulers available (Consult Factory - Choose F, G or H)

Additional ordering codes

IH	High Temperature Insulation Pad (See note 2 under “Indicator Type”)[5]
IHT	High Temperature Insulation Pad with Tempkoat (See note 3 under “Indicator Type”)[4,5]
IH1	High Temperature Insulation; Float Chamber Only; (250°F/121°C) max[2,5]
IH1D	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (250°F/121°C) max[2,5]
IH2	High Temperature Insulation; Float Chamber Only; (500°F/260°C) max[2,5]
IH2D	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (500°F/260°C) max[2,5]
IH2T	High Temperature Insulation; Float Chamber Only; (1000°F/538°C) max[2,4,5]
IH2DT	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000°F/538°C) max[2,4,5]
IH3	High Temperature Insulation; Float Chamber Only; (1000°F/538°C) max[1,2,5]
IH3D	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000°F/538°C) max[1,2,5]
IH3T	High Temperature Insulation; Float Chamber Only; (1000°F/538°C) max[1,2,4,5]
IH3DT	High Temperature Insulation; Float Chamber & Vent / Drain Flanges; (1000°F/538°C) max[1,2,4,5]
IL1	Cryogenic Insulation; 2” thick; single layer; (350°F/177°C) max; (-100°F/-73°C) minimum[5]
IL2	Cryogenic Insulation; 3” thick; double layer; (350°F/177°C) max; (-200°F/-129°C) minimum[5]
IL3	Cryogenic Insulation; 4” thick; double layer; (350°F/177°C) max; (-320°F/-196°C) minimum[5]
TT1	Steam Trace Tubing
SJ	Steam / Water Jacket
ET1xx	Electric Tracing; Class I, Div. 2, Gp BCD; 221°F max (105°C); fixed setpoint control[3]
ET2x	Electric Tracing; Class I, Div. 2, Gp BCD; 400°F max (204°C); adjustable setpoint control[3]
ET3x	Electric Tracing; Class I, Div. 1, Gp CD; 800°F max (427°C); adjustable setpoint control[3]
ETX	Electric Tracing (custom) specified by others
VV	Vent Valve (Specify valve manufacturer and model)
IV	Isolation Valve (Specify valve manufacturer and model)
DV	Drain Valve (Specify valve manufacturer and model)
RD	Switch Mount Rod (High Temperature option for KM26 Switches)
G	Gussets on process connections (SCH 40 Minimum Chamber Recommended)
GR	Oversized chamber with guide rods for flashing

KM26S Magnetic Level Gauge
Model Number Configuration

S	Special (Consult factory)

Notes:

1. Consult factory for insulation options when a level transmitter and/or level switch is used above 500°F.
2. ABB recommends chamber insulation for personnel safety.
3. Specify power supply 1) 110, 2) 220, 3) 277 or 4) 440 VAC; (ex. ET21 with 110 VAC power supply). For ET1xx series only, specify setpoint A) 35°, B) 45°, C) 60°, D) 90° or E) 185°F (1.7°, 7.2°, 15.6°, 32.2°, or 85°C) (ex. ET11A = ET1 with 110VAC power supply and a setpoint of 35°F).
4. This option is only used when a MBG Indicator Type is selected AND the maximum temperature exceeds 500°F/260°C.
5. No insulation options are allowed with shuttle indicators (S1P, S1G, S2G).

Note: The Inside and Outside services selected will not appear in the model # on engineering drawings or nameplates.

Inside Services:

ACS	ASME Code Stamp (Specify U, UM or S)
ASM	Certificate of Compliance to ASME (requires MTR's & Hydrotest)
COC	Certificate of Compliance (General)
CCC	Calibration Certificate
CRN	Canadian Registration Number (requires MTR's & Hydrotest)
COO	Certificate of Origin
DFR	Drawings (For Record)
DWG	Drawings (For Approval)
ABD	Drawings (As Built)
FUT	Functional Test
CRV	Float Curve (Total level only)
HYD	Hydrotest
HDC	Hydrotest (with chart recording)
ITP	Inspection & Test Plan
MTR	Material Test Reports (MTR's)
MDR	MDR (Manufacturer's Data Records)
NAC	NACE Hardness Certificate (requires MTR's)
PED	PED Certificate (requires MTR's & Hydrotest)

Outside Services:

RAD	Radiographic Examination
LDP	Liquid Dye Penetrant Examination
MPI	Magnetic Particle Inspection/Testing
PAT	Painting
PMC	PMI with carbon content
PMO	PMI without carbon content
PWT	Post Weld Heat Treatment
UTT	Ultrasonic Testing

Required Dimensional Information (Specify in inches or mm):

For KM26S's: ML, CF, FF, CC and FC dimensions.
Note: When 3 or more side connections are required, specify the distance between each connection.

IMPORTANT NOTE:

The information above is provided for the customer to indicate specific requirements. Other sizing & ratings not specified will be selected by the factory based on standard design & manufacturing practices using temperature, pressure & specific gravity data.

KM26S Magnetic Level Gauge
Chamber Configuration

Table 1

Chamber/Connection Material			
SS1	321 SS	TN6	Teflon “S” Coated 316 / 316L SS[1,5]
SS4	304 / 304L SS	HL4	Halar Coated 304 SS[2,4,6]
SS6	316 / 316L SS	HL6	Halar Coated 316 SS[2,4,6]
SS7	317 / 317L SS	TF4	Tefzel Coated 304 SS[2,4,6,7]
S47	347 SS	TF6	Tefzel Coated 316 SS[2,4,6,7]
SS9	904 SS	A20	Alloy 20
HSC	Hastelloy C-276	I60	Incoloy 600
HSB	Hastelloy B	I62	Incoloy 625
TI	Titanium (Grade 2)	I80	Incoloy 800
PP	Polypropylene (35 to 200°F / -2 to 93°C)[8]	I82	Incoloy 825
PVD	Kynar (PVDF) (-40 to 280°F / -40 to 138°C)[3]	ALU	Aluminum
PVC	PVC (140°F / 60°C Max)[3]	ZI2	Zirconium 702
CPV	CPVC (210°F / 99°C Max)[3]	MO	Monel 400
EPF	Epoxy Resin Fiberglass (225°F / 107°C Max)[3]	CST	Carbon Steel[9]
VEF	Vinyl Ester Fiberglass (175°F / 79°C Max)[3]	LCS	Lower Temperature Carbon Steel[9]
TN4	Teflon “S” Coated 304 / 304L SS[1,5]	DUP	Duplex Stainless Steel[9]

Notes:

[1] To minimize friction for optimal float travel - maximum temperature = 425°F (218°C).

[2] For Increased Corrosion Resistance - maximum temperature = 300°F (149°C).

[3] Maximum measuring length is 18 feet (5.48 meters).

[4] Tefzel or Halar coated units must not have any FNPT options and must have chamber sized flanged access on top and bottom of chamber. This option should not be used on connections that require welding in the field.

[5] Maximum measuring length 22 feet (6.7 meters).

[6] Maximum measuring length 16 feet (4.88 meters).

[7] Schedule 40 minimum chamber required.

[8] Maximum measuring length = 15 feet (4.57 meters).

[9] Not available as a chamber option. When CST, LCS and DUP materials are chosen, all parts which are not welded directly to the side of the chamber can be of those same material types.

* TEFLON® (Registered trademark of Dupont)

KM26S Magnetic Level Gauge
Chamber Configuration

Table 2

Code Options / Definitions	
B0	Blind Flange with Float Stop Spring and Mating Slip-On Flange
B1	B0 with FNPT[3]
B2	B0 with Plug[3]
B3	B0 with Socket Weld Half Coupling[3]
B4	B0 with FNPT Half Coupling[3]
B5	B0 with Nipple, for Socket Welding (Flat)[3]
B6	B0 with Nipple, for Butt Welding (37.5° bevel)[3]
B7	B0 with Nipple, MNPT[3]
B9S	B0 with Pipe Nipple and Slip-on Flange[3]
B9W	B0 with Pipe Nipple and Weld Neck Flange[3]
B10	B0 with Socket Weld Bore[3]
B3L	B0 with Flat Sock-o-let or Flat Weld-o-let[3]
B4L	B0 with Flat Thread-o-let[3]
B5L	B0 with Flat Sock-o-let or Flat Weld-o-let and Nipple for Socket Welding (Flat)[3]
B6L	B0 with Flat Sock-o-let or Flat Weld-o-let and Nipple for Butt Welding (37.5° Bevel)[3]
B7L	B0 with Flat Sock-o-let or Flat Weld-o-let and Nipple, MNPT[3]
B9SL	B0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Slip-on Flange[3]
B9WL	B0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Weld Neck Flange[3]
B3C	B0 with Pipe Nipple and Socket Weld Coupling[3]
B4C	B0 with Pipe Nipple and FNPT Coupling[3]
B3LC	B0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling[3]
B4LC	B0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and FNPT Coupling[3]
B4P	B0 with FNPT Half Coupling and Plug[3]
B4LP	B0 with Flat Thread-o-let and Plug[3]
B4CP	B0 with Pipe Nipple, FNPT Half Coupling and Plug[3]
B4LCP	B0 with Thread-o-let, Pipe Nipple, FNPT Coupling and Plug[3]
C0	FNPT Coupling
C0P	C0 with plug
C0E	FNPT Half Coupling Connected via Extruded Outlet[2]
C0EP	C0E with plug[2]
C0L	Thread-o-let (Min. SCH 40 Chamber)
C0C	FNPT Coupling with Pipe Nipple
C0CE	FNPT Coupling with Pipe Nipple connected via Extruded Outlet[2]
C1	Socket Weld Half Coupling
C1C	Socket Weld Coupling with Pipe Nipple
C1CE	Socket Weld Coupling with Pipe Nipple connected via Extruded Outlet[2]
C0LC	FNPT Coupling with Pipe Nipple and Sock-o-let (Min. SCH 40 Chamber)
C1L	Sock-o-let (Min. SCH 40 Chamber)
C1LC	Socket Weld Coupling with Pipe Nipple and Sock-o-let (Min. SCH 40 Chamber)

Table 2 (continued)

Code Options / Definitions	
D0	Blind Flange with Float Stop Spring and a Mating Weld Neck Flange
D1	D0 with FNPT[3]
D2	D0 with Plug[3]
D3	D0 with Socket Weld Half Coupling[3]
D4	D0 with FNPT Half Coupling[3]
D5	D0 with Nipple, for Socket Welding (flat)[3]
D6	D0 with Nipple, for Butt Welding (37.5° Bevel)[3]
D7	D0 with Nipple, MNPT[3]
D9S	D0 with Pipe Nipple and Slip on Flange[3]
D9W	D0 with Pipe Nipple and Weld Neck Flange[3]
D10	D0 with Flat Socket Weld Bore[3]
D3L	D0 with Flat Sock-o-let[3]
D4L	D0 with Thread-o-let[3]
D5L	D0 with Flat Sock-o-let and Nipple for Socket Welding (Flat)[3]
D6L	D0 with Flat Sock-o-let or Flat Weld-o-let, and Nipple for Butt Welding (37.5° Bevel)[3]
D7L	D0 with Flat Sock-o-let or Flat Weld-o-let and Nipple, MNPT[3]
D9L	D0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Slip-on Flange[3]
D3C	D0 with Pipe Nipple and Socket Weld Coupling[3]
D4C	D0 with Pipe Nipple and FNPT Coupling[3]
D3LC	D0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling[3]
D4LC	D0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and FNPT Coupling[3]
D4P	D0 with FNPT Half Coupling and Plug[3]
D4LP	D0 with Flat Thread-o-let and Plug[3]
D4CP	D0 with Pipe Nipple, FNPT Coupling and Plug[3]
D4LCP	D0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple, FNPT Coupling and Plug[3]
F	Weld Neck Flange with Float Stop Spring (Top/Bottom Code Option)[1]
FE	Weld Neck Flange connected to chamber via Extruded Outlet[2]
F0	Weld Neck Flange with Pipe Nipple (Side Code Option)
F0E	FE with Pipe Between Chamber & Weld Neck Flange[2]
F1	Weld Neck Flange with Weld-o-let (Min. SCH 40 Chamber)
F1C	Weld Neck Flange with Weld-o-let and Pipe Nipple (Min. SCH 40 Chamber)
F2	Weld Neck Flange with Weld-o-let and Concentric Reducer (Min. SCH 40 Chamber)
F2C	Weld Neck Flange with Weld-o-let and Concentric Reducer and Pipe Nipple (Min. SCH 40 Chamber)
F3	Weld Neck Flange with Concentric Reducer
F3E	Weld Neck Flange with Concentric Reducer connected to chamber via Extruded Outlet[2]
F3C	Weld Neck Flange with Concentric Reducer and Pipe Nipple
F3CE	Weld Neck Flange with Concentric Reducer and Pipe Nipple connected via Extruded Outlet[2]
F4	Weld Neck Flange with Butt Weld Tee
F4C	Weld Neck Flange with Butt Weld Tee and Pipe Nipple
F43	Weld Neck Flange with Butt Weld Tee and Concentric Reducer
F43C	Weld Neck Flange with Butt Weld Tee and Concentric Reducer and Pipe Nipple
F9	Weld Neck Flange with Concentric Reducer (Top/Bottom Code Option)

Table 2 (continued)

Code Options / Definitions	
G	Slip-On Flange with Float Stop Spring (Top/Bottom Code Option)[1,3]
GE	Slip-On Flange connected to chamber via Extruded Outlet[2]
G0	Slip-On Flange with Pipe Nipple (Side Code Option)[3]
G1	Slip-On Flange with Weld-o-let and Pipe Nipple (Min. SCH 40 Chamber)[3]
G2	Slip-On Flange with Weld-o-let, Concentric Reducer and Pipe Nipple
G3	Slip-On Flange with Concentric Reducer and Pipe Nipple
G3E	Slip-On Flange with Concentric Reducer and Pipe Nipple Connected via Extruded Outlet[2]
G4	Slip-On Flange with Butt Weld Tee and Pipe Nipple[3]
G43	Slip-On Flange with Butt Weld-o-let, Concentric Reducer and Pipe Nipple
L	Stub End with Lap Joint Flange with Float Stop Spring (Top/Bottom Code Option)[1]
L0	Stub End with Lap Joint Flange (Side Code Option)
LE	Stub End with Lap Joint Flange connected to chamber via Extruded Outlet[2]
LCE	Stub end with Lap Joint Flange and Pipe Nipple connected via Extruded Outlet[2]
L1	L with Mating Blind Flange with FNPT and Float Stop[3]
L2	L with Mating Blind Flange with Float Stop and Plug[3]
LC	Stub end with Lap Joint Flange and Pipe Nipple
L3	Stub end with Lap Joint Flange and Concentric Reducer
L3E	Stub end with Lap Joint Flange, Concentric Reducer connected via Extruded Outlet[2]
L3C	Stub end with Lap Joint Flange, Concentric Reducer and Pipe Nipple
L3EC	Stub end with Lap Joint Flange, Concentric Reducer and Pipe Nipple connected via Extruded Outlet[2]
L39	L with Mating Stub End and Lap Joint Flange, Concentric Reducer, Stub End and Lap Joint Flange
L4	Stub End with Lap Joint Flange and Butt Weld Tee
L43	Stub End with Lap Joint Flange and Butt Weld Tee and Concentric Reducer
L9	L with Mating Blind Flange, Pipe Nipple, Stub End and Lap Joint Flange[3]
N0E	Branch Nipple for Socket Weld (Flat) connected to chamber via Extruded Outlet[2]
N0	Branch Nipple for Socket Weld (Flat)
N2E	Branch Nipple for Butt Welding (37.5° Bevel) connected to chamber via Extruded Outlet[2]
N2	Branch Nipple for Butt Welding (37.5° Bevel)
N3E	MNPT Branch Nipple connected to chamber via Extruded Outlet[2]
N3	MNPT Branch Nipple
N6	Weld-o-let for Butt Welding (Min. SCH 40 Chamber)
N0L	Weld-o-let with Nipple for Socket Weld (Flat) (Min. SCH 40 Chamber)
N2L	Weld-o-let with Nipple, for Butt Welding (37.5° Bevel) (Min. SCH 40 Chamber)
N3L	Weld-o-let with Nipple, MNPT, (Min. SCH 40 Chamber)
R9	Weld Neck Flange with Mating Weld Neck Flange, Concentric Reducer and weld Neck Flange

Table 2 (continued)

Code Options / Definitions	
S0	Screwed Pipe Cap with Float Stop Spring (Min. SCH 40 Chamber)
S4	S0 with FNPT Half Coupling (Min. SCH 40 Chamber)
S4P	S0 with FNPT Half Coupling and Plug (Min. SCH 40 Chamber)
S7	S0 with Nipple, MNPT
SW	Socket Weld Flange with Float Stop Spring (Top/Bottom Code Option)[1]
SW0	Blind Flange with Float Stop Spring and Mating Socket Weld Flange
SW1	SW0 with FNPT[3]
SW2	SW0 with Plug[3]
SW3	SW0 with Socket Weld Half Coupling[3]
SW4	SW0 with FNPT Half Coupling[3]
SW5	SW0 with Nipple, for Socket Welding (Float)[3]
SW6	SW0 with Nipple, for Butt Welding (37.5° bevel)[3]
SW7	SW0 with Nipple, MNPT[3]
SW9	SW0 with Pipe Nipple and Socket Weld Flange[3]
SW10	SW0 with Socket Weld Bore[3]
SW3L	SW0 with Flat Sock-o-let or Flat Weld-o-let[3]
SW4L	SW0 with Flat Thread-o-let[3]
SW5L	SW0 with Flat Sock-o-let or Flat Weld-o-let and Nipple for Socket Welding (Flat)[3]
SW6L	SW0 with Flat Sock-o-let or Flat Weld-o-let and Nipple for Butt Welding (37.5° bevel)[3]
SW7L	SW0 with Flat Sock-o-let or Flat Weld-o-let and Nipple for Nipple, MNPT[3]
SW9L	SW0 with Flat Sock-o-let or Flat Weld-o-let and Nipple for Pipe Nipple and Socket Weld Flange[3]
SW3C	SW0 with Pipe Nipple and Socket Weld Coupling[3]
SW4C	SW0 with Pipe Nipple and FNPT Coupling[3]
SW3LC	SW0 with Flat Sock-o-let or Flat Weld-o-let and Nipple and Socket Weld Coupling[3]
SW4LC	SW0 with Flat Sock-o-let or Flat Weld-o-let and Nipple and FNPT Coupling[3]
SW4P	SW0 with FNPT Half Coupling and Plug[3]
SW4LP	SW0 with Thread-o-let and Plug[3]
SW4CP	SW0 with Pipe Nipple, FNPT Half Coupling and Plug[3]
SW4LCP	SW0 with Thread-o-let, Pipe Nipple, FNPT Coupling and Plug[3]
SWS1	Socket Weld Flange with Weld-o-let or Sock-o-let and Pipe Nipple
SWS	Socket Weld Flange with Pipe Nipple
SWE	Socket Weld Flange connected to chamber via Extruded Outlet[2]
SWS3	Socket Weld Flange with Concentric Reducer and Pipe Nipple
SWS3E	Socket Weld Flange with Concentric Reducer and Pipe Nipple connected via Extruded Outlet
SWS4	Socket Weld Flange with Butt Weld Tee and Pipe Nipple
SWS2	Socket Weld Flange with Sock-o-let, Pipe Nipple, Concentric Reducer and Pipe Nipple
SWS43	Socket Weld Flange with Butt Weld Tee, Concentric Reducer and Pipe Nipple

Table 2 (continued)

Code Options / Definitions	
T0	Butt Welded Pipe Cap
T3	T0 with Socket Weld Half Coupling
T4	T0 with FNPT Half Coupling
T5	T0 with Nipple, for Socket Welding (Flat)
T6	T0 with Nipple, for Butt Welding (37.5° Bevel)
T7	T0 with Nipple, MNPT
T9S	T0 with Nipple and Slip on Flange[3]
T9SW	T0 with Nipple and Socket Weld Flange
T9W	T0 with Nipple and Weld Neck Flange
T3L	T0 with Flat Sock-o-let
T4L	T0 with Flat Thread-o-let
T4P	T0 with FNPT Half Coupling and Plug
T4LP	T0 with Flat Thread-o-let and Plug
T5L	T0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple, for Socket Welding (Flat)
T6L	T0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple, for Butt Welding (37.5° Bevel)
T7L	T0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple, MNPT
T9SL	T0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Slip on Flange[3]
T9WL	T0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Weld Neck Flange
T9SWL	T0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Socket Weld Flange
T3C	T0 with Pipe Nipple and Socket Weld Coupling
T4C	T0 with Pipe Nipple and FNPT Coupling
T3LC	T0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling
T4LC	T0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and FNPT Coupling
T4CP	T0 with Pipe Nipple, FNPT Coupling and Plug
T4LCP	T0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple, FNPT Coupling and Plug

Table 2 (continued)

Code Options / Definitions	
W0	Welded Flat Pipe Cap with Float Stop Spring
W1	W0 with FNPT
W2	W0 with Plug
W3	W0 with Socket Weld Half Coupling
W4	W0 with FNPT Half Coupling
W5	W0 with Nipple, for Socket Welding (Flat)
W6	W0 with Nipple, for Butt Welding (37.5° Bevel)
W7	W0 with Nipple, MNPT
W9S	W0 with Nipple and Slip on Flange[3]
W9W	W0 with Nipple and Weld Neck Flange
W10	W0 with Socket Weld Bore
W3L	W0 with Flat Sock-o-let
W4L	W0 with Flat Thread-o-let
W5L	W0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple for Socket Welding (Flat)
W6L	W0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple for Butt Welding (37.5° Bevel)
W7L	W0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple, MNPT
W9SL	W0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple and Slip-on Flange
W9WL	W0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple and Weld Neck Flange
W9SWL	W0 with Flat Sock-o-let or Flat Weld-o-let and Pipe Nipple and Socket Weld Flange
W3C	W0 with Pipe Nipple and Socket Weld Coupling
W4C	W0 with Pipe Nipple and FNPT Coupling
W3LC	W0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and Socket Weld Coupling
W4LC	W0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple and FNPT Coupling
W4LP	W0 with Flat Thread-o-let and Plug
W4CP	W0 with Pipe Nipple, FNPT Coupling and Plug
W4LCP	W0 with Flat Sock-o-let or Flat Weld-o-let, Pipe Nipple, FNPT Coupling and Plug
W1E	Branch Nipple with Flat End Cap with FNPT, connected via Extruded Outlet[2]
W1S	Branch Nipple with Flat End Cap with FNPT, connected via Saddle Weld
X	No Connection

Notes:

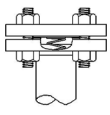
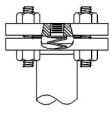
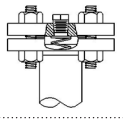
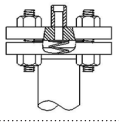
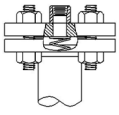
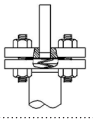
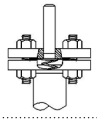
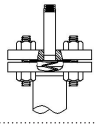
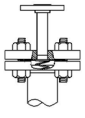
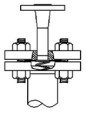
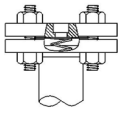
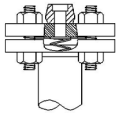
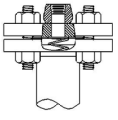
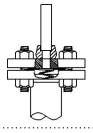
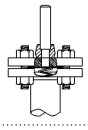
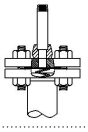
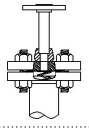
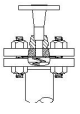
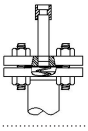
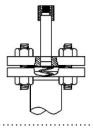
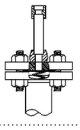
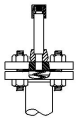
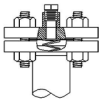
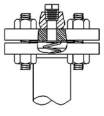
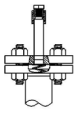
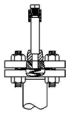
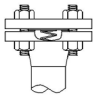
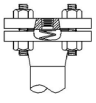
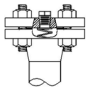
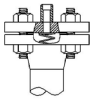
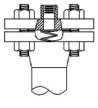
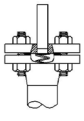
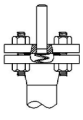
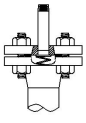
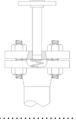
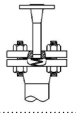
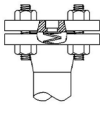
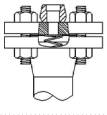
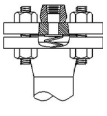
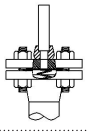
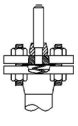
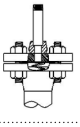
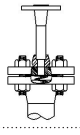
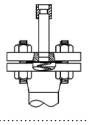
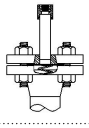
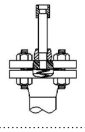
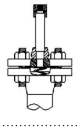
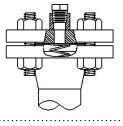
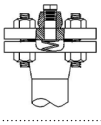
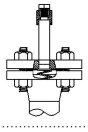
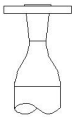
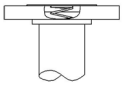
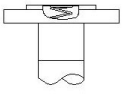
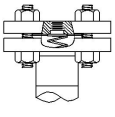
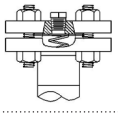
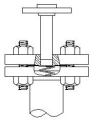
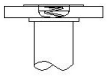
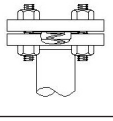
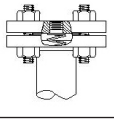
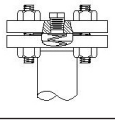
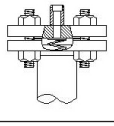
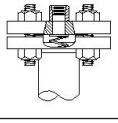
1. When a flanged option (F, G, L, SW) is a process connection on either end of the chamber as shown in the configuration tables these will be provided with a float stop bar (or disk) and spring to keep the float confined in the chamber.
2. Extruded outlet connections can be utilized as follows:

	Chamber Schedule	Flange/Pipe Sizes	COUPLING SIZES
*Stainless Steel:	10	1”, 1-1/2” & 2”	3/4”, 1”, 1 1/4”
*Stainless Steel:	40	1-1/2” & 2”	1 1/4”
Alloy 20:	10	1-1/2” & 2”	1 1/4”
Hastelloy C-276:	10	1-1/2” & 2”	1 1/4”

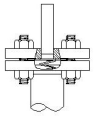
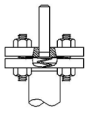
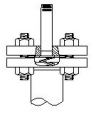
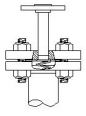
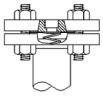
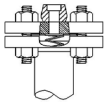
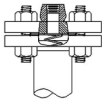
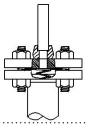
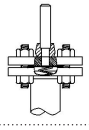
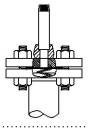
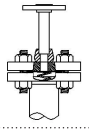
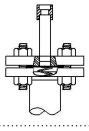
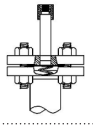
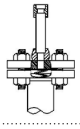
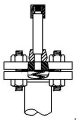
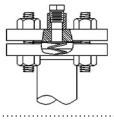
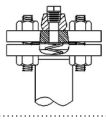
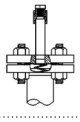
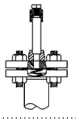
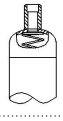
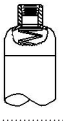
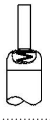
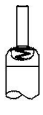
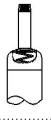
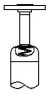
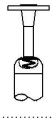
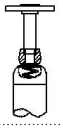
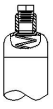
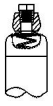
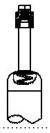
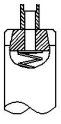
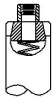
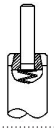
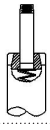
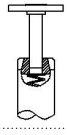
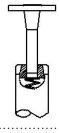
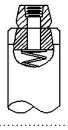
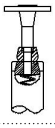
*Includes SS1, SS4, SS6, SS7, S47, TN4, TN6, HL4, HL6, TF4 and TF6 material types. TF4 and TF6 types require SCH 40 minimum chambers. Welded or seamless chambers can be extruded.

3. Add an “H” behind the code option if a high hub blind flange is required. In those same cases where a “P” is added in the model code for plugged options, the “H” shall be placed in front of the “P.”

KM26S Magnetic Level Gauge
Chamber Configuration - Top

B0 	B1 	B2 	B3 	B4 	B5 	B6 
B7 	B9S 	B9W 	B10 	B3L 	B4L 	B5L 
B6L 	B7L 	B9SL 	B9WL 	B3C 	B4C 	B3LC 
B4LC 	B4P 	B4LP 	B4CP 	B4LCP 	D0 	D1 
D2 	D3 	D4 	D5 	D6 	D7 	D9S 
D9W 	D10 	D3L 	D4L 	D5L 	D6L 	D7L 
D9L 	D3C 	D4C 	D3LC 	D4LC 	D4P 	D4LP 
D4CP 	D4LCP 	F 	F9 	G 	L 	L1 
L2 	L39 	L9 	R9 	S0 	S4 	S4P 
S7 	SW 	SW0 	SW1 	SW2 	SW3 	SW4 

KM26S Magnetic Level Gauge
Chamber Configuration - Top

SW5 	SW6 	SW7 	SW9 	SW10 	SW3L 	SW4L 
SW5L 	SW6L 	SW7L 	SW9L 	SW3C 	SW4C 	SW3LC 
SW4LC 	SW4P 	SW4LP 	SW4CP 	SW4LCP 	T0 	T3 
T4 	T5 	T6 	T7 	T9S and T9SW 	T9W 	T3L 
T4L 	T5L 	T6L 	T7L 	T9SL and T9SWL 	T9WL 	T3C 
T4C 	T3LC 	T4LC 	T4P 	T4LP 	T4CP 	T4LCP 
W0 	W1 	W2 	W3 	W4 	W5 	W6 
W7 	W9S 	W9W 	W10 	W3L 	W4L 	W5L 
W6L 	W7L 	W9SL and W9SWL 	W9WL 	W3C 	W4C 	W3LC 
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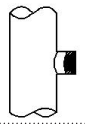
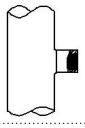
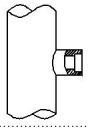
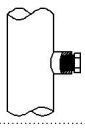
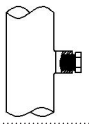
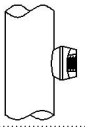
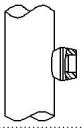
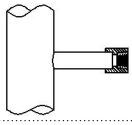
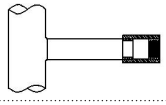
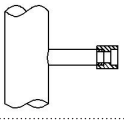
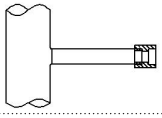
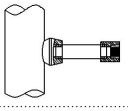
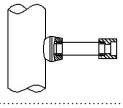
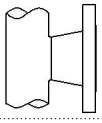
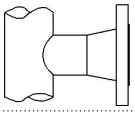
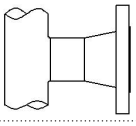
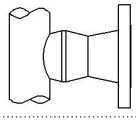
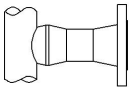
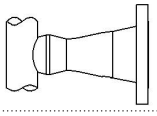
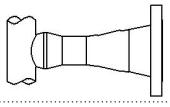
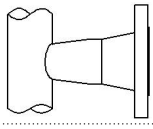
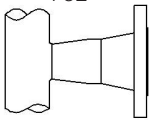
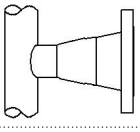
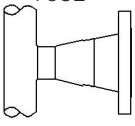
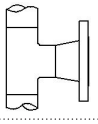
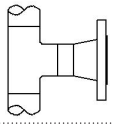
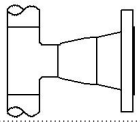
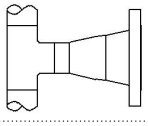
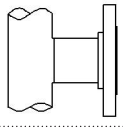
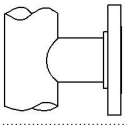
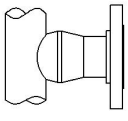
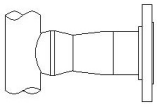
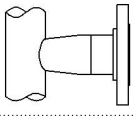
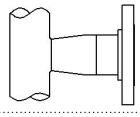
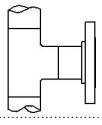
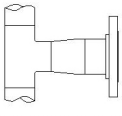
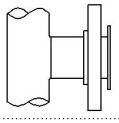
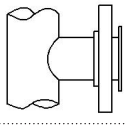
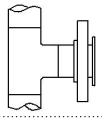
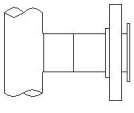
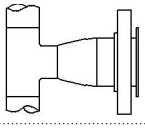
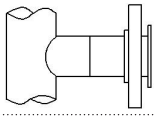
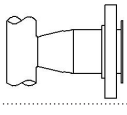
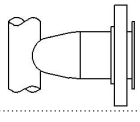
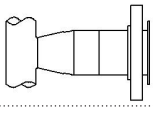
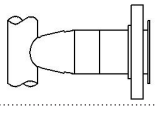
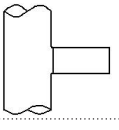
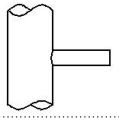
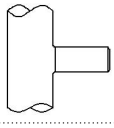
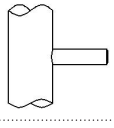
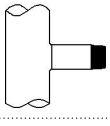
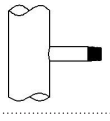
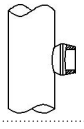
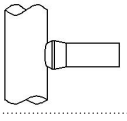
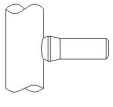
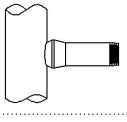
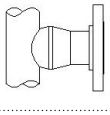
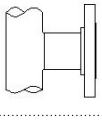
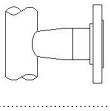
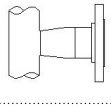
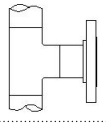
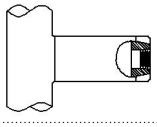
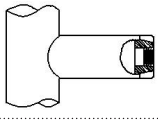
KM26S Magnetic Level Gauge
Chamber Configuration - Side

C0 	C0E 	C1 	C0P 	C0EP 	C0L 	C1L 
C0C 	C0CE 	C1C 	C1CE 	C0LC 	C1LC 	FE 
F0 	F0E 	F1 	F1C 	F2 	F2C 	F3 
F3E 	F3C 	F3CE 	F4 	F4C 	F43 	F43C 
GE 	G0 	G1 	G2 	G3 	G3E 	G4 
G43 	LE 	L0 	L4 	LCE 	L43 	LC 
L3E 	L3 	L3EC 	L3C 	N0E 	N0 	N2E 
N2 	N3E 	N3 	N6 	N0L 	N2L 	N3L 
SWS1 	SWSE 	SWS3 	SWS3E 	SWS4 	W1E 	W1S 
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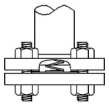
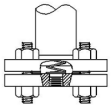
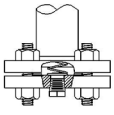
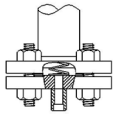
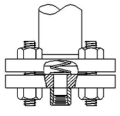
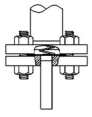
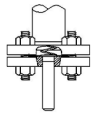
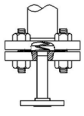
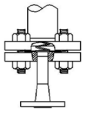
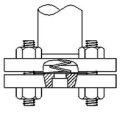
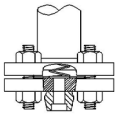
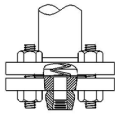
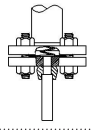
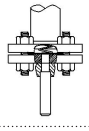
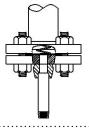
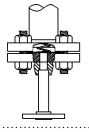
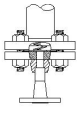
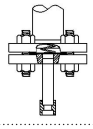
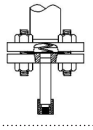
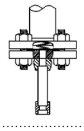
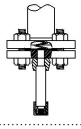
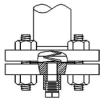
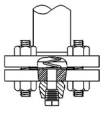
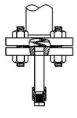
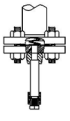
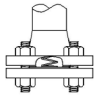
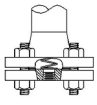
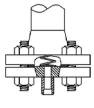
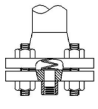
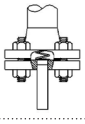
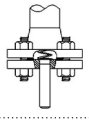
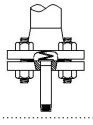
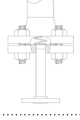
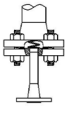
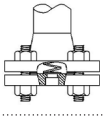
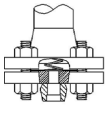
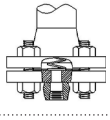
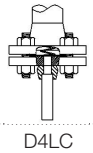
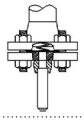
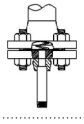
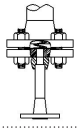
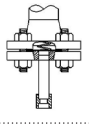
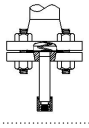
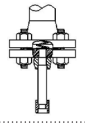
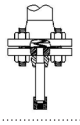
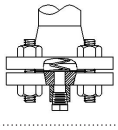
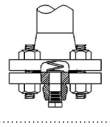
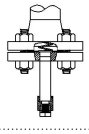
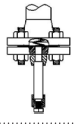
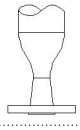
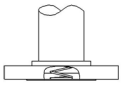
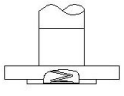
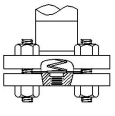
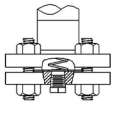
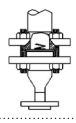
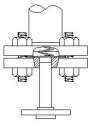
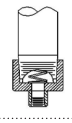
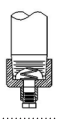
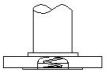
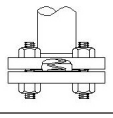
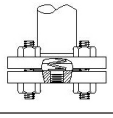
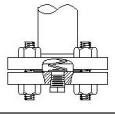
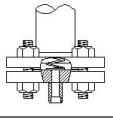
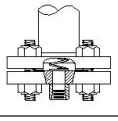
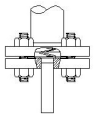
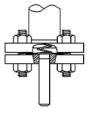
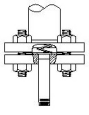
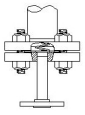
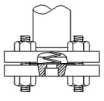
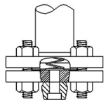
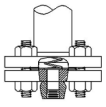
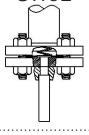
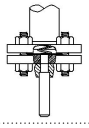
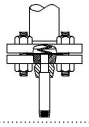
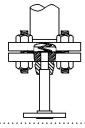
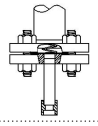
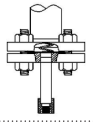
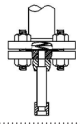
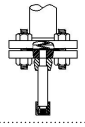
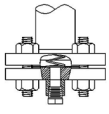
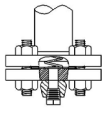
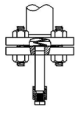
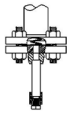
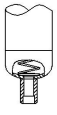
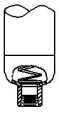
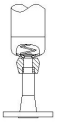
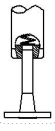
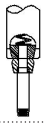
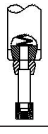
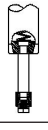
KM26S Magnetic Level Gauge
Chamber Configuration - Bottom

B0 	B1 	B2 	B3 	B4 	B5 	B6 
B7 	B9S 	B9W 	B10 	B3L 	B4L 	B5L 
B6L 	B7L 	B9SL 	B9WL 	B3C 	B4C 	B3LC 
B4LC 	B4P 	B4LP 	B4CP 	B4LCP 	D0 	D1 
D2 	D3 	D4 	D5 	D6 	D7 	D9S 
D9W 	D10 	D3L 	D4L 	D5L 	D6L 	D7L 
D9L 	D3C 	D4C 	D3LC 	D4LC 	D4P 	D4LP 
D4CP 	D4LCP 	F 	F9 	G 	L 	L1 
L2 	L39 	L9 	R9 	S0 	S4 	S4P 
S7 	SW 	SW0 	SW1 	SW2 	SW3 	SW4 

KM26S Magnetic Level Gauge
Chamber Configuration - Bottom

SW5 	SW6 	SW7 	SW9 	SW10 	SW3L 	SW4L 
SW5L 	SW6L 	SW7L 	SW9L 	SW3C 	SW4C 	SW3LC 
SW4LC 	SW4P 	SW4LP 	SW4CP 	SW4LCP 	T0 	T3 
T4 	T5 	T6 	T7 	T9S and T9SW 	T9W 	T3L 
T4L 	T5L 	T6L 	T7L 	T9SL and T9SWL 	T9WL 	T3C 
T4C 	T3LC 	T4LC 	T4P 	T4LP 	T4CP 	T4LCP 
W0 	W1 	W2 	W3 	W4 	W5 	W6 
W7 	W9S 	W9W 	W10 	W3L 	W4L 	W5L 
W6L 	W7L 	W9SL and W9SWL 	W9WL 	W3C 	W4C 	W3LC 
W4LC 	W4LP 	W4CP 	W4LCP 			

KM26S Magnetic Level Gauge
Chamber Configuration

Table 3

Flanged Connections

Size	Pressure Rating	Lapped Joint Flanges:	Slip on Flanges:				Socket Weld Flanges:	Weld Neck Flanges:			
			Raised Face	RTJ	Tongue & Groove	Male / Female	Raised Face	Raised Face	RTJ	Tongue & Groove	Male / Female
1/2”	150#	L51	SR51	SJ51	ST51	SM51	SWR51	WR51	WJ51	WT51	WM51
	300#	L53	SR53	SJ53	ST53	SM53	SWR53	WR53	WJ53	WT53	WM53
	600#	L56	SR56	SJ56	ST56	SM56	SWR56	WR56	WJ56	WT56	WM56
	900#	L59	SR59	SJ59	ST59	SM59	N/A	WR59	WJ59	WT59	WM59
	1500#	L515	SR515	SJ515	ST515	SM515	SWR515	WR515	WJ515	WT515	WM515
	2500#	L525	N/A	N/A	N/A	N/A	N/A	WR525	WJ525	WT525	WM525
3/4”	150#	L71	SR71	SJ71	ST71	SM71	SWR71	WR71	WJ71	WT71	WM71
	300#	L73	SR73	SJ73	ST73	SM73	SWR73	WR73	WJ73	WT73	WM73
	600#	L76	SR76	SJ76	ST76	SM76	SWR76	WR76	WJ76	WT76	WM76
	900#	L79	SR79	SJ79	ST79	SM79	N/A	WR79	WJ79	WT79	WM79
	1500#	L715	SR715	SJ715	ST715	SM715	SWR715	WR715	WJ715	WT715	WM715
	2500#	L725	N/A	N/A	N/A	N/A	N/A	WR725	WJ725	WT725	WM725
1”	150#	L11	SR11	SJ11	ST11	SM11	SWR11	WR11	WJ11	WT11	WM11
	300#	L13	SR13	SJ13	ST13	SM13	SWR13	WR13	WJ13	WT13	WM13
	600#	L16	SR16	SJ16	ST16	SM16	SWR16	WR16	WJ16	WT16	WM16
	900#	L19	SR19	SJ19	ST19	SM19	N/A	WR19	WJ19	WT19	WM19
	1500#	L115	SR115	SJ115	ST115	SM115	SWR115	WR115	WJ115	WT115	WM115
	2500#	L125	N/A	N/A	N/A	N/A	N/A	WR125	WJ125	WT125	WM125
1-1/2”	150#	L151	SR151	SJ151	ST151	SM151	SWR151	WR151	WJ151	WT151	WM151
	300#	L153	SR153	SJ153	ST153	SM153	SWR153	WR153	WJ153	WT153	WM153
	600#	L156	SR156	SJ156	ST156	SM156	SWR156	WR156	WJ156	WT156	WM156
	900#	L159	SR159	SJ159	ST159	SM159	N/A	WR159	WJ159	WT159	WM159
	1500#	L1515	SR1515	SJ1515	ST1515	SM1515	SWR1515	WR1515	WJ1515	WT1515	WM1515
	2500#	N/A	N/A	N/A	N/A	N/A	N/A	WR1525	WJ1525	WT1525	WM1525
2”	150#	L21	SR21	SJ21	ST21	SM21	SWR21	WR21	WJ21	WT21	WM21
	300#	L23	SR23	SJ23	ST23	SM23	SWR23	WR23	WJ23	WT23	WM23
	600#	L26	SR26	SJ26	ST26	SM26	SWR26	WR26	WJ26	WT26	WM26
	900#	L29	SR29	SJ29	ST29	SM29	N/A	WR29	WJ29	WT29	WM29
	1500#	L215	SR215	SJ215	ST215	SM215	SWR215	WR215	WJ215	WT215	WM215
	2500#	N/A	N/A	N/A	N/A	N/A	N/A	WR225	WJ225	WT225	WM225
2-1/2”	150#	L251	SR251	SJ251	ST251	SM251	SWR251	WR251	WJ251	WT251	WM251
	300#	L253	SR253	SJ253	ST253	SM253	SWR253	WR253	WJ253	WT253	WM253
	600#	L256	SR256	SJ256	ST256	SM256	SWR256	WR256	WJ256	WT256	WM256
	900#	L259	SR259	SJ259	ST259	SM259	N/A	WR259	WJ259	WT259	WM259
	1500#	L2515	SR2515	SJ2515	ST2515	SM2515	SWR2515	WR2515	WJ2515	WT2515	WM2515
	2500#	L2525	N/A	N/A	N/A	N/A	N/A	WR2525	WJ2525	WT2525	WM2525
3”	150#	L31	SR31	SJ31	ST31	SM31	SWR31	WR31	WJ31	WT31	WM31
	300#	L33	SR33	SJ33	ST33	SM33	SWR33	WR33	WJ33	WT33	WM33
	600#	L36	SR36	SJ36	ST36	SM36	SWR36	WR36	WJ36	WT36	WM36
	900#	L39	SR39	SJ39	ST39	SM39	N/A	WR39	WJ39	WT39	WM39
	1500#	L315	N/A	N/A	N/A	N/A	N/A	WR315	WJ315	WT315	WM315
	2500#	L325	N/A	N/A	N/A	N/A	N/A	WR325	WJ325	WT325	WM325

KM26S Magnetic Level Gauge
Connection Sizes & Ratings

Table 3 (continued)

		Lapped Joint Flanges:	Slip on Flanges:				Socket Weld Flanges:	Weld Neck Flanges:			
Size	Pressure Rating		Raised Face	RTJ	Tongue & Groove	Male / Female	Raised Face	Raised Face	RTJ	Tongue & Groove	Male / Female
4”	150#	L41	SR41	SJ41	ST41	SM41	N/A	WR41	WJ41	WT41	WM41
	300#	L43	SR43	SJ43	ST43	SM43	N/A	WR43	WJ43	WT43	WM43
	600#	L46	SR46	SJ46	ST46	SM46	N/A	WR46	WJ46	WT46	WM46
	900#	L49	SR49	SJ49	ST49	SM49	N/A	WR49	WJ49	WT49	WM49
	1500#	L415	SR415	SJ415	ST415	SM415	N/A	WR415	WJ415	WT415	WM415
	2500#	L425	N/A	N/A	N/A	N/A	N/A	WR425	WJ425	WT425	WM425

NOTES:
1. Extruded Outlets are full bore up to a maximum of 2” See Note 2, Table 2 on page 11.
2. Flat face flanges can be supplied in lieu of raised face. Replace "R" notation with "F". (i.e. For a ½” 150# flat face slip-on. . . SF51)
3. The items marked "N/A" are not availabe per ASME B16.5.

Weld-o-lets:			Sock-o-lets:			Thread-o-lets:		
Size	Rating	Designation	Size	Rating	Designation	Size	Rating	Designation
1/2”	SCH 40	W054	1/2”	3000#	S053	1/2”	3000#	T053
3/4”	SCH 40	W075	3/4”	3000#	S073	3/4”	3000#	T073
1”	SCH 40	W104	1”	3000#	S103	1”	3000#	T103
1-1/2”	SCH 40	W154	1-1/2”	3000#	S153	1-1/2”	3000#	T153
2”	SCH 40	W204	2”	3000#	S203	2”	3000#	T203
1/2”	SCH 80	W058	1/2”	6000#	S056	1/2”	6000#	T056
3/4”	SCH 80	W078	3/4”	6000#	S076	3/4”	6000#	T076
1”	SCH 80	W108	1”	6000#	S106	1”	6000#	T106
1-1/2”	SCH 80	W158	1-1/2”	6000#	S156	1-1/2”	6000#	T156
2”	SCH 80	W208	2”	6000#	S206	2”	6000#	T206
1/2”	SCH 160	W051						
3/4”	SCH 160	W071						
1”	SCH 160	W101						
1-1/2”	SCH 160	W151						
2”	SCH 160	W201						

Pipe Nipples:			Plugs:			Threaded Couplings:			Socket Weld Couplings:			Female Threaded & Socket Weld Connection Designation		
Size	Rating	Designa-tion	Size	Rating	Designa-tion	Size	Rating	Designa-tion	Size	Rating	Designa-tion	Size	FNPT Designation	FSW Designation
1/2”	SCH 40	N054	1/2”	3000#	P053	1/2”	3000#	C053	1/2”	3000#	SC053	1/2“	FN05	SW05
3/4”	SCH 40	N074	3/4”	3000#	P073	3/4”	3000#	C073	3/4”	3000#	SC073	3/4“	FN07	SW07
1”	SCH 40	N104	1”	3000#	P103	1”	3000#	C103	1”	3000#	SC103	1“	FN10	SW10
1-1/2”	SCH 40	N154	1-1/2”	3000#	P153	1-1/2”	3000#	C153	1-1/2”	3000#	SC153	1-1/2“	FN15	SW15
2”	SCH 40	N204	2”	3000#	P203	2”	3000#	C203	2”	3000#	SC203	2“	FN20	SW20
1/2”	SCH 80	N058	1/2”	6000#	P056	1/2”	6000#	C056	1/2”	6000#	SC056			
3/4”	SCH 80	N078	3/4”	6000#	P076	3/4”	6000#	C076	3/4”	6000#	SC076			
1”	SCH 80	N108	1”	6000#	P106	1”	6000#	C106	1”	6000#	SC106			
1-1/2”	SCH 80	N158	1-1/2”	6000#	P156	1-1/2”	6000#	C156	1-1/2”	6000#	SC156			
2”	SCH 80	N208	2”	6000#	P206	2”	6000#	C206	2”	6000#	SC206			
1/2”	SCH 160	N051												
3/4”	SCH 160	N071												
1”	SCH 160	N101												
1-1/2”	SCH 160	N151												
2”	SCH 160	N201												

KM26S Magnetic Level Gauge
Transmitter & Switch Accessories

Magnetostrictive Level Transmitters
AT200: Refer to AT200-0202-1 Data Sheet for Ordering Information
AT600: Refer to AT600-0202-1 Data Sheet for Ordering Information

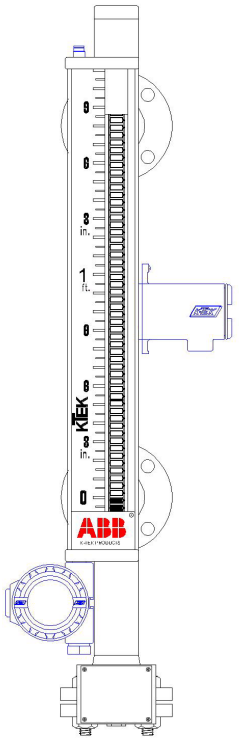
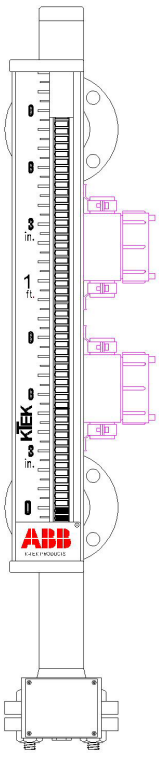
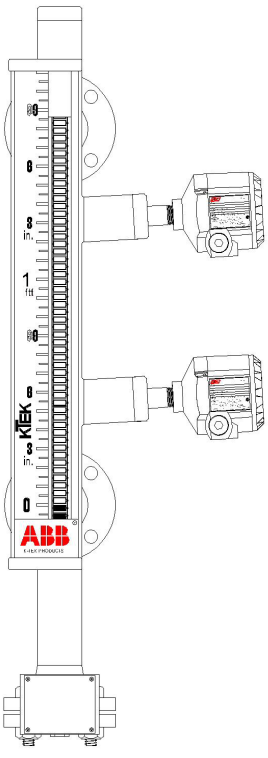
Magnetic Level Gauge Switches
MS30: Refer to MS30-0202-1 Data Sheet for Ordering Information
MS40: Refer to MS40-0202-1 Data Sheet for Ordering Information
MS41: Refer to MS41-0202-1 Data Sheet for Ordering Information
PS35: Refer to PS35-0202-1 Data Sheet for Ordering Information
PS45: Refer to PS45-0202-1 Data Sheet for Ordering Information

Vibration Level Switch
RS85: Refer to RS85-0202-1 Data Sheet for Ordering Information

Thermal Dispersion Switch
TX: Refer to TX-0202-1 Data Sheet for Ordering Information

All data sheets are available on the ABB website at www.abb.com/level.

Sample Accessories

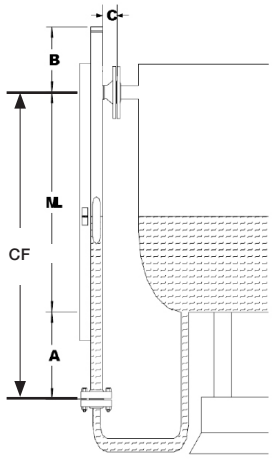
KM26 with AT200 & MS41	KM26 with 2 MS40EX's	KM26 with 1 TX & 1 RS85
		

KM26S Magnetic Level Gauge
Example Applications

Top Process (from Side) and Bottom Process (from bottom) of KM26 (Center to Face)

Sample Model #:
KM26S.SS6.SS6.WO.FE.X.G.WR21.SR21.S1G.B-IH1.TT1

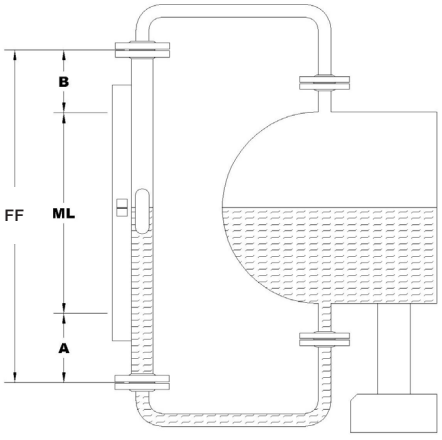
Note: The required CF and/or ML dimensions shall be specified by the customer.



Top Process and Bottom Process (from top and bottom) of KM26 (Face to Face)

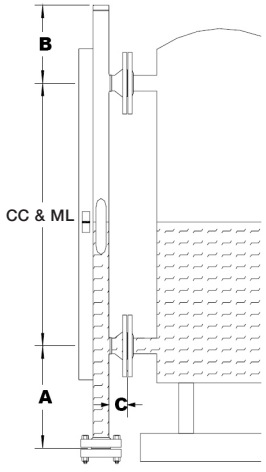
Sample Model #:
KM26S.SS6.CST.G.X.X.G.SR21.SR21.S1P.C

Note: The required FF and/or ML dimensions (in addition to the desired A and B dimensions) shall be specified by the customer.



Top and Bottom Process Connection (from side) of KM26 (Center to Center)

Samplel Model #:
KM26S.SS4.SS4.W0.FE.FE.B0.WR23.WR23.S2G.D

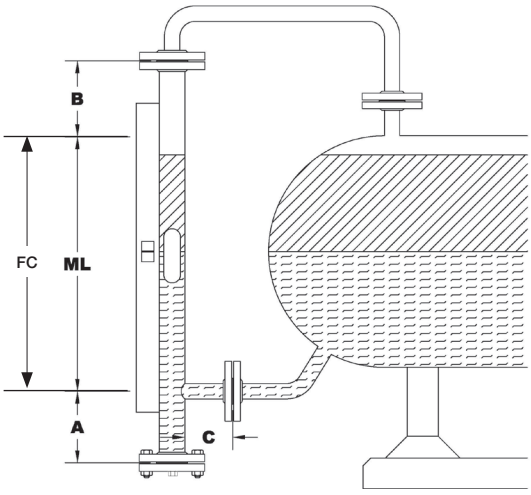


KM26S Magnetic Level Gauge
Example Applications

Top Process (from top) and Bottom Process (from bottom side) of KM26 (Face to Center)

Sample Model #:
KM26S.SS6.CST.G.X.GE.B2.SR21.SR21.P073.S2G.B

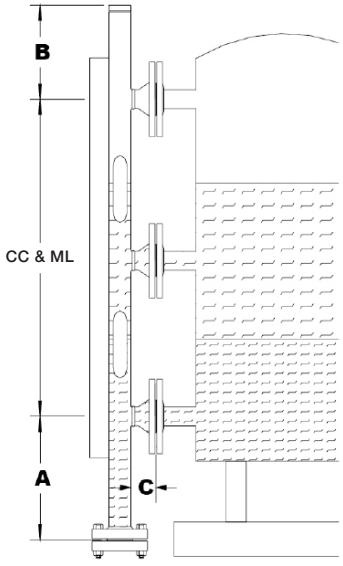
Note: The required FC and/or ML dimensions shall be specified by the customer.



Dual Level Application (Center to Center to Center)

Sample Model #:
KM26S.SS6.SS6.W0.FE.FE.FE.B0.WR21.WR21.WR21.M1GD.B

Note: The distance between each side connection shall be specified by the customer.



KM26S Magnetic Level Gauge
Quotation Request - KM26S - Side Mount

Factory Contact: _____

Seller Information

Name: _____
Phone: _____
Email: _____
Company or LBU: _____
Main Phone: _____
Fax: _____

End User Information

Name: _____
Phone: _____
Email: _____
Company or LBU: _____
Country of Final Destination: _____
Note: This information will be required before accepting an order.
*** All fields required**

Tag ID#: _____

Process Conditions

Application for (select one): Total Level - Interface Level - Total & Interface
Upper Fluid Operating Sp. Gravity: _____
Minimum Specific Gravity: _____
Lower Fluid Second Sp. Gravity: _____
Fluid(s): _____ If water, steam service? Yes - No

Operating Temp: _____ Max Temp: _____ Min. Temp: _____
Operating Pressure: _____ Max Pressure: _____
Minimum Ambient Temperature: _____
High Vibration Environment (Compressor Etc.)? Yes - No

Chamber & Float Details

Chamber Material: _____
Float Material: _____
Flange Material: _____
Center to Center/ Measuring Length: _____
Vent/Drain Type & Size: _____

Process Connection

Type: _____
Size: _____
Rating: _____

Indicator Details

Select: ___Shuttle or
___Bar Graph (choose color combination) Yellow/Black - Red/White
Scale (select one): Feet/In - Running In. (1/2" Div.) - Running In. (1/8/") - Meter/cm - Custom _____
Special Requirements: _____
_____

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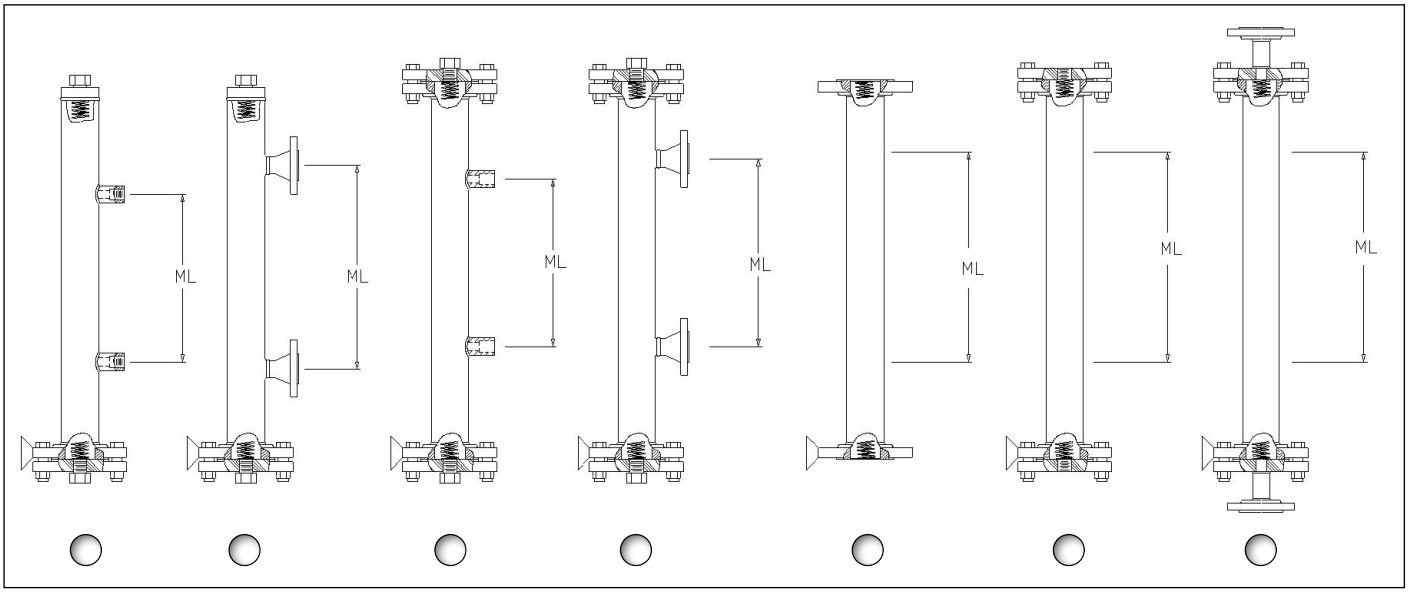
Accessories Required (choose all that apply)

__Chamber Insulation
__Electric Heat Tracing
__Steam Jacket
__Steam Tracing
__Magnetic Particle Traps
__Specialty Process Connection (specify type: _____)
__Switches (specify type: _____)
__Transmitter - AT600 or AT200 (select: FFB, Hart, LCD, Honeywell DE)

Approval or Documentation required:

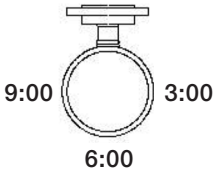
__CRN
__GOST – Russian
__ABS
__PED
__ASME
__NACE
__Other

Choose the appropriate configuration below or attach a sketch



Select orientation (only 1 accessory allowed per position)

Indicator: __3:00 __6:00 __9:00
AT Transmitter: __3:00 __6:00 __9:00
Switches: __3:00 __6:00 __9:00



Note: Overall length will always be greater than measuring length (ML). Please specify if a max overall length is required.

Contact us

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Sales

Service

DS/KM26S_Custom-EN_Rev. J 4.2014

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