

FUTEK MODEL LCA700

HIGH CAPACITY LOAD CELL (COLUMN/CANISTER)

Drawing Number: FI1132-D

(Previously Q10654)

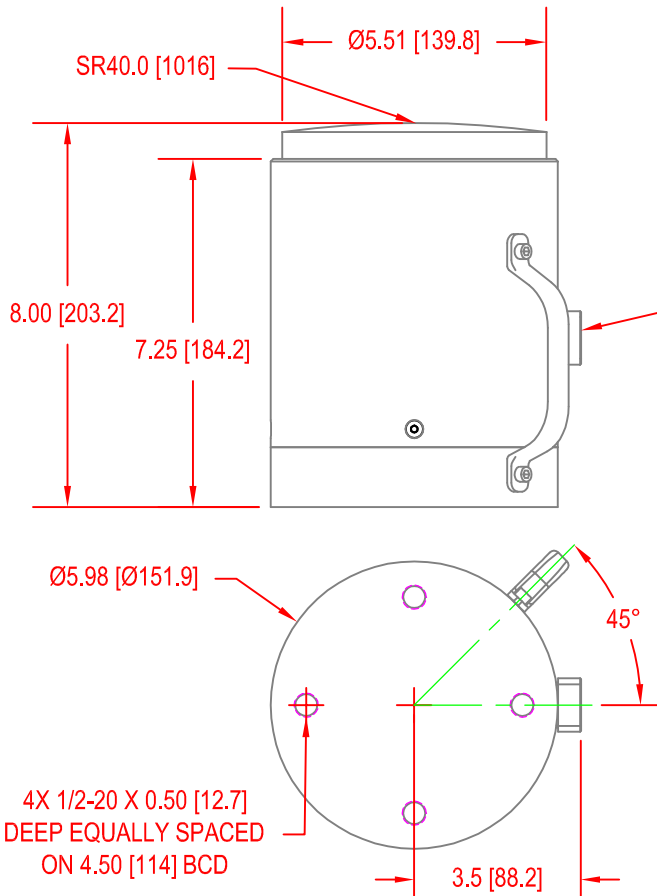
INCH (mm) R.O.= Rated Output

CONNECTOR CODE (CC1)

+Excitation	-Excitation	+Signal	-Signal	+Sense	-Sense
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'	ORANGE PIN 'E'	BLUE PIN 'F'

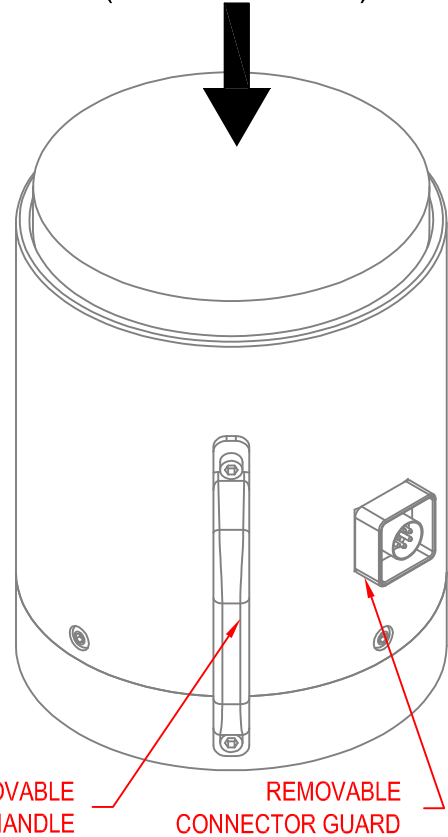
CONNECTOR CODE (CC1-T) TEDS VERSION

+Excitation	-Excitation	+Signal	-Signal	TEDS DATA	TEDS GND
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'	ORANGE PIN 'E'	BLUE PIN 'F'



BENDIX RECEPTACLE
PT02E-10-6P
MATING CONNECTOR
PT06A-10-6S-SR
(NOT INCLUDED)

+ OUTPUT
(COMPRESSION)



REMOVABLE
HANDLE

REMOVABLE
CONNECTOR GUARD

ITEM #	CAPACITIES		RATED OUTPUT	WEIGHT	TEDS IEEE1451.4
	lb	KN			
FSH01903	500K	2224	2 mV/V	45 lb	
FSH01912					X
FSH01904	750K	3336	2 mV/V	50 lb	
FSH02464					X
FSH01905	1000K	4448	3 mV/V	50 lb	
FSH02726					X

SPECIFICATIONS:

RATED OUTPUT	SEE CHART
CAPACITY	SEE CHART
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	20 Max
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.25% of R.O.
HYSTERESIS	±0.25% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
TEMP. SHIFT SPAN	±0.02% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	0 to 160°F
WEIGHT	SEE CHART
MATERIAL	17-4PH S.S.
CONNECTOR (STANDARD)	PT02E-10-6P
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt. COMPRESSION: 60.4K Ω (43.575K Ω FOR 1000K lb) SHUNT CAL. VALUE
CALIBRATION TEST EXCITATION	10 VDC

FLAT LOAD PLATE ACCESSORY

ITEM # MCP01662 MATERIAL: 17-4PH H900
WEIGHT: 17 lb

