

Pressure Reference Type E

USER MANUAL

**Digital Manometer with Max.-/Min.-Display.
Accuracy: 0.5% FS typ.**

The Reference Type E has two operating keys.

The left key is to turn the instrument on and to execute its functions (the functions appear successively on the display as long as the key is pressed and are executed when releasing the key).

The right key is used to switch between the MAX.- and MIN.-value.

After turn-on, the instrument displays the pressure range for two seconds before changing into the measuring mode.



The instrument has the following functions:

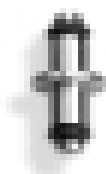
RESET:	Max.-/Min.-value are set to the actual pressure
OFF:	Turns off the instrument
ZERO:	Sets a new Zero reference
CONT:	Deactivates the automatic turn-off function (this function is activated with factory settings, meaning the instrument automatically turns off 15 min. after the last key function)

Notes:

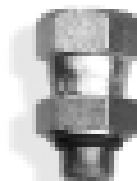
- 1) If the ZERO- and/or CONT-function is activated, it is indicated on the display. In order to reset the Zero to factory setting and/or to reactivate the automatic turn-off function, press the left key until ZERO and/or CONT disappears.
- 2) If the actual pressure goes beyond the measuring range, OFL (overflow) appears on the display.

Installation:

The Reference Type E has 7/16" UNF male thread and is delivered complete with an O-ring seal swivel fitting which allows Reference Type E to be rotated through 360°. Only minimal tightness is needed to seal up to 350 bar. Process pressure connection is G 1/4" male.



Zwivel



process connection G1/4

Battery Change:

When the battery starts weakening, a low battery warning (BAT LOW) will appear in the upper left corner of the display. For battery change, open the battery compartment and change the battery (type CR 2430). The battery life is 1400 hours in normal measuring mode.

Ranges / Calibration:

The factory setting of the Zero for the range -1...40 bar is at 0 bar absolute. For sealed gauge pressure measurements, activate "ZERO SET" at ambient pressure. Instruments with the range 0...350 bar are calibrated in a sealed gauge mode with 1 bar absolute pressure as a Zero reference.

Type E		
Digital reference test gauge		
Pressure medium fluids and gas media		
Pressure connection G1/4", male		
Display multi-purpose LCD, 30 x 30 mm		
Function keys 'SELECT' (reset, off, zero, cont) 'MIN/MAX'		
Casing 70 x 100 x 30 mm (d x h x w), IP65, weight approx. 130 g, rubber cap		
Power supply 3 V battery		
1400 h service life continuous operation, LOW-BAT-display, AUTO-Off		
Accuracy	+/-0.5 % FS +/-1 digit	
	Measuring range	Resolution
Model A	-1.....30)40 bar	0.01 bar
Model B	0...(300)350 bar	0.1 bar
Option	Ex ia IIC T5/T6 - 01ATEX6001X	