

INTELLIGENT CONTROL GAUGE

DOUBLE INDICATION DIGITAL AND ANALOGUE

TYPE EMPEO 2 AND EMPEO 3 (WITH ANALOGUE OUTPUT SIGNAL 4-20 mA)

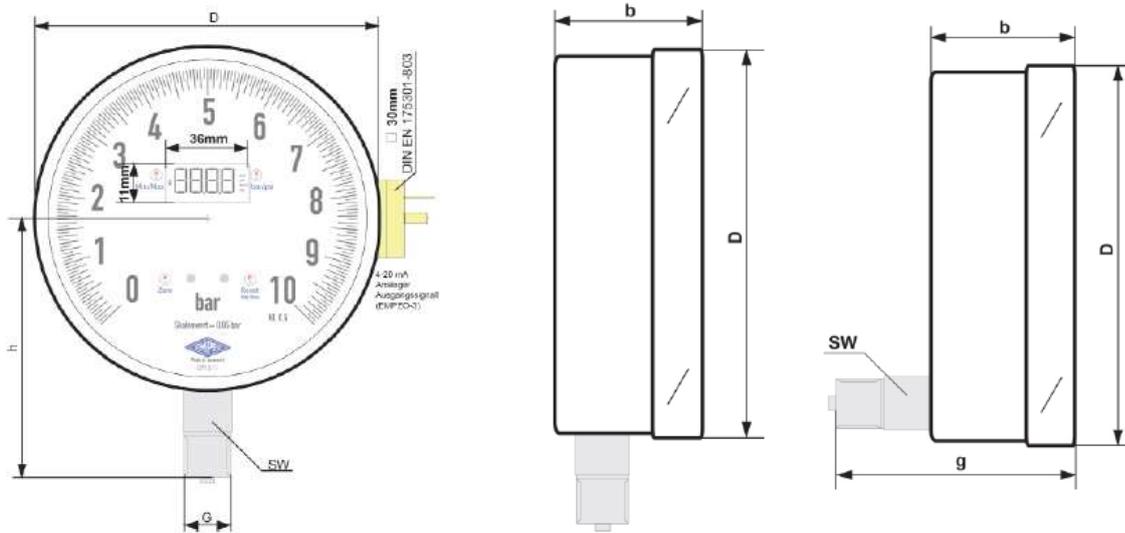
The EMPEO 2 and EMPEO 3 are characterized by a double indication, which is actuated redundant. That means that both measuring systems, analogue and digital, measure independent of each other and control each other. Consequently we have the benefit of the analogue indication with its goods instrument read-out and the well visible trend changing system pressure, combined with a digital indication by a pressure sensor. In case of a deviation in the measuring system, the customer recognizes it immediately and can react directly; he will not accomplish faulty measurements and will check the gauge. The chance that both measuring systems will show faulty values goes to zero.



Technical informations:

Diameter:	Ø160 mm
Accuracy:	0,6 % (0,25 % Digital) to the full scale value
Execution:	case with bayonet ring, stainless steel with double indication, one analogue indication with a pointer and a 270° scale, one digital indication with 4 alpha-numeric indication with Min/Max measured value memory and zero-point calibration (Zero-function). Digital indication switchable from bar to psi.
Electric power supply:	battery type ER 14250/W, when display is blinking, the battery has to be replaced.
Sampling rate:	once per second
Measuring system:	copper alloy
Dial:	aluminum white, writing black
Window:	glass, optional laminated safety glass
Connection:	G 1/2, 1/2 NPT...
Connection position:	bottom or backside eccentric
Options:	<ul style="list-style-type: none"> - measuring system stainless steel - Battery (as spare part) - With analogue output signal 4-10 mA (Type EMPEO 3) - Sampling rate up to five times per second - Further options on inquiry
Ranges:	-1-0bar, -1/0,6bar, -1/1,5bar, -1/3bar, -1/5bar, -1/9bar, -1/15bar, 0-1bar, 0-1,6bar, 0-2,5bar, 0-4 bar, 0-6 bar, 0-10 bar, 0-16 bar, 0-25bar, 0-40bar, 0-60bar, 0-100bar, 0-250bar, 0-400bar, 0-600bar and 0-1000bar





NG	D	b	h	G	g	SW
160	160	55	115	1/2	94	27

size in mm

The execution with analogue output signal 4-20mA is delivered with a rectangle plug-in connector design A acc. EN 175301-803 (DIN 43650).

- Cable screw connect: PG9
- Cable cross-section: max. 1,5 mm²
- Number of poles: 2+PE

