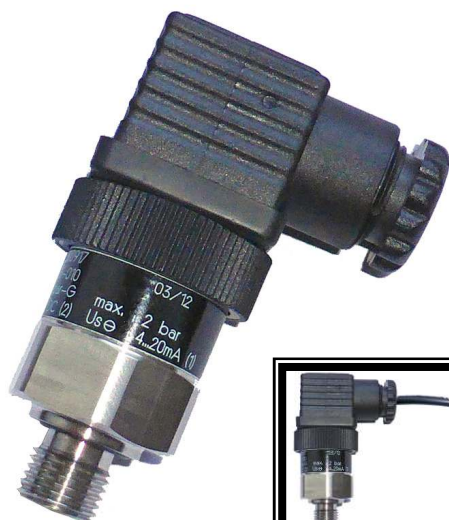


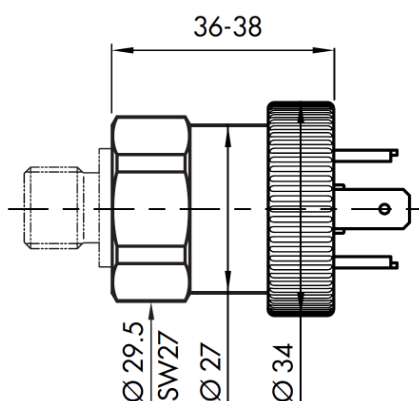


ECT-B

Low range pressure transmitter



Dimensions



Pressure ranges

Range (BAR)	Max. overpressure	Max burst pressure
0 ... 0,1	2	3
0 ... 0,2	2	3
0 ... 0,4	2	3
0 ... 0,6	2	3

Technical data

MAIN CHARACTERISTICS

Sensor: Thick film on ceramic
 Measuring range: 0...100 to 0...600 mbar relative
 Signal output: 4...20mA, 0...10VDC, 0...5VDC, 1...6VDC
 NLH (BSL through 0): ± 0.5 % FS typ.
 Applications: Machine tools, Hydraulics, HVAC, Refrigeration, Process technology, Water treatment, Automotive, Autoclaves

ELECTRICAL DATA

Output/Supply voltage: 4...20 mA: 24 (9...32) VDC
 0...5 VDC: 24 (9...32) VDC
 1...6 VDC: 24 (9...32) VDC
 0...10 VDC : 24 (15 ...32) VDC
 Rise time: typ. 1 ms/10...90% nominal pressure
 Switch-on delay: 1 sec

ENVIRONMENTAL CONDITIONS

Operating temperature: -25...+85°C
 Media temperature: -25...+125°C
 Protection: min. IP65
 Humidity: max. 95% relative
 Vibration: 4g (10...1000 Hz)
 Shock: 50g/11 ms

EMC PROTECTION

Emission: EN /IEC 61000-6-3
 Immunity: EN /IEC 61000-6-2

MECHANICAL DATA

Material Sensor: Ceramic (Al₂O₃) 96%
 Housing: 1.4435 (AISI316L)
 Process connection: 1/4" BSP male
 O-Ring: FKM, CR, EPDM
 Mounting torque: 15...20 Nm
 Weight: appr. 110 g

Electrical wiring

Protection / Execution	IP65	
	Industrial standard	M12x1 2-pol.
Output		
	2 1 ⊕	1 Brown 3 Blue
	1 2 3 ⊕	



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