



# A10

Relative pressure transmitter



## Technical data

### MAIN CHARACTERISTICS

Sensor: Stainless steel diaphragm  
 Measuring range: 0...1 to 0...600 bar relative  
 Signal output: 4...20mA, 0...10VDC, 0...5VDC, ± 0.5 % FS typ.  
 NLH (BSL through 0):  
 Applications: Hydraulics, Machine building and tools  
 Pumps and compressor

### ELECTRICAL DATA

Output/Supply voltage: 4...20 mA: 24 (8...30) VDC  
 0...5 VDC: 24 (8...30) VDC  
 0...10 VDC : 24 (14 ...30) VDC  
 Settling time: < 4 ms

### ENVIRONMENTAL CONDITIONS

Operating temperature: 0...+80°C  
 Media temperature: 0...+80°C  
 Protection: IP65  
 Vibration: 10g according to IEC60068-2-27  
 Shock: 500g according to IEC60068-2-6

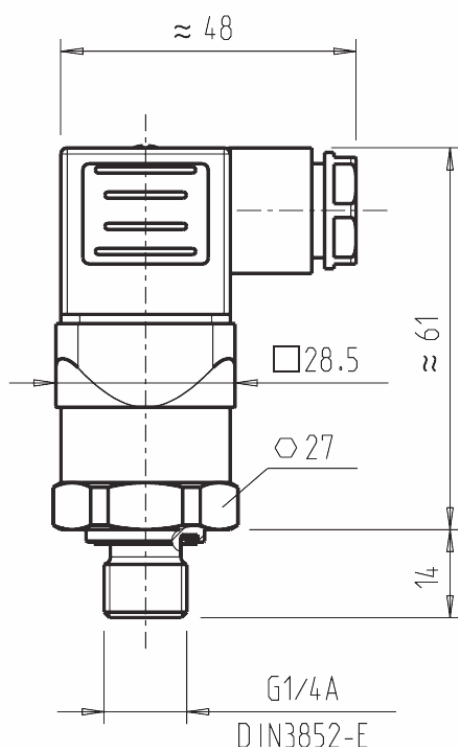
### EMC PROTECTION

Emission: 2004/108/EC  
 Immunity: according to EN61326

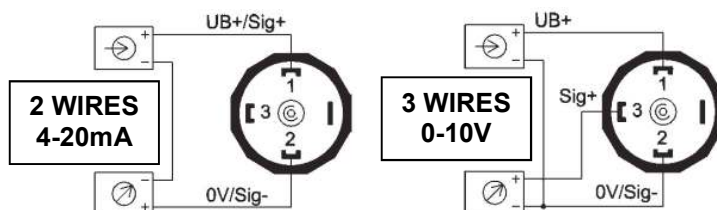
### MECHANICAL DATA

Material Sensor: Stainless steel  
 Housing: Stainless steel  
 Internal transmission fluid: Synthetic oil or dry cell from 10 bar  
 Process connection: G 1/4"  
 Connector: DIN43650-A  
 Weight: appr. 200 g

## Dimensions



## Electrical wiring



## Pressure ranges

Range (BAR)	Max. overpressure
0 ... 1.0	2
0 ... 1.6	3.2
0 ... 2.5	5
0 ... 4	8
0 ... 6	12
0 ... 10	20
0 ... 16	32
0 ... 25	50
0 ... 40	80
0 ... 60	120
0 ... 100	200
0 ... 160	320
0 ... 250	500
0 ... 400	800
0 ... 600	1200



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