



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

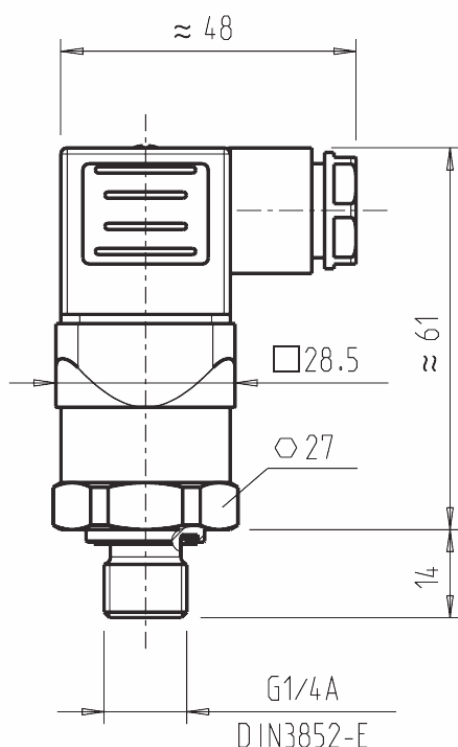
EMC PROTECTION

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

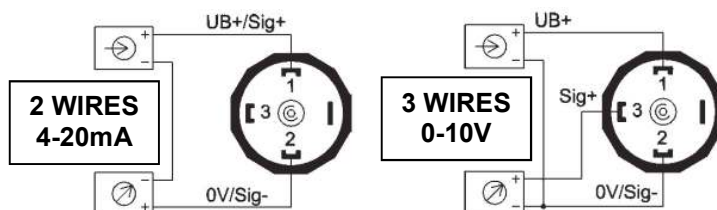
MECHANICAL DATA

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



GESINT S.R.L.
 Via Perosi, 5
 20010 Bareggio (MI) - ITALY
 Tel. +39-02-9014633
 Mobile +39-335-6282615
 Fax +39-02-90362295
 E-mail: info@gesintsrl.it

GESINT.
 WWW.GESINTSRL.IT