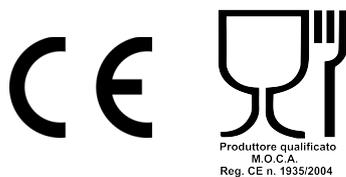




PRESSURE TRANSMITTER

(MOD. SA 40/E)

Sanitary pressure transmitter



These series of instruments has been designed for pressure transmission. Pressure transmitters detect the pressure of liquid and gaseous fluids by transforming the value into an electrical signal. The sensor used is piezoresistive, consisting of a Wheatstone bridge whose resistances are diffused on a silicon chip. Pressure transmitter with ceramic sensor and calibrated, compensated and amplified signal. They are supplied with current output.

TECHNICAL FEATURES:

Measuring range: 1-1.6 - 2.5 - 4 - 6 - 10 - 16 - 20 - 25 - 40 - 60 - 100 bar; 0-400; 0-600 millibar

Connection: 1/2 "gas threaded connection or AISI 316 stainless steel diaphragm sanitary separator, DN-SMS-CLAMP-FLANGE

Power supply: 11 - 34VDC.

Output: 4 - 20 mA - 0.5V.

Temperature: 0 - 80 ° C. For higher temperatures, separate electronics.

Housing: AISI 304 stainless steel

Parts in contact with the fluid: AISI 316 stainless steel

Overpressure: 2 times the measuring range

Degree of protection: IP 65

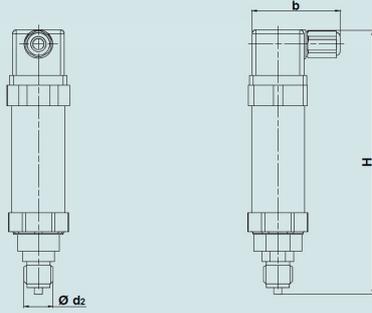
Response time: <4 ms (settling); 150 ms (power on)

Measurement sensor: piezoresistive for fields \leq 1.6 bar; ceramic for fields $>$ 1.6 bar.

Accuracy: \pm 0.5 f.s.



PRESSURE TRANSMITTER WITH GAS MALE CONNECTION

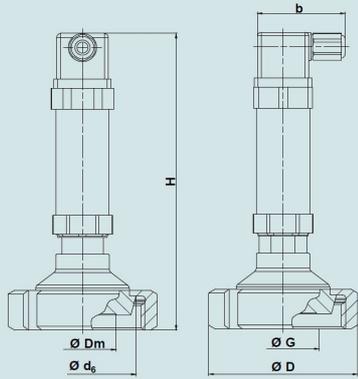


LEGEND:
 H Installation height
 Ø d₂ Gas connection diameter
 b Instrument thickness

Dimensions in mm

H	Ø d ₂	b
140	G 1/2" B	48

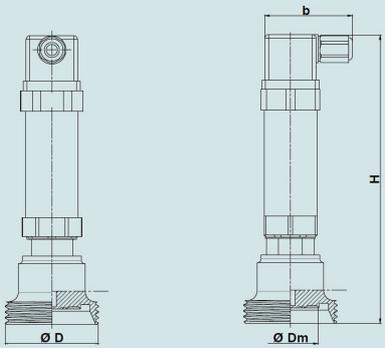
PRESSURE TRANSMITTER WITH SANITARY DN DIN 11851 MALE-NUT CONNECTION



LEGEND:
 H Installation height
 Ø Dm Effective diameter of diaphragm
 Ø D Outer diameter of grooved union nut
 Ø G Thread
 Ø d₆ Outer diameter of diaphragm seal
 Ø DC Case diameter
 b Instrument thickness

DN	Dimensioni in mm					
	ØG	H	ØD	Ød ₆	ØDm	b
25	RD 52 x 1/6	152	63	45	26	48
32	RD 58 x 1/6	152	70	49.5	35	48
40	RD 65 x 1/6	152	78	55	41	48
50	RD 78 x 1/6	152	92	67.5	41	48

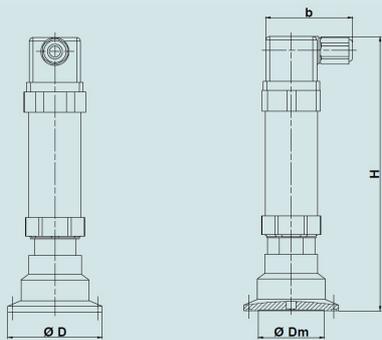
PRESSURE TRANSMITTER WITH SANITARY DN DIN 11851 FEMALE CONNECTION



LEGEND:
 H Installation height
 Ø Dm Effective diameter of diaphragm
 Ø D Female diaphragm seal diameter
 b Instrument thickness

DN	Dimensioni in mm			
	H	ØD	ØDm	b
25	148	RD 52 x 1/6	26	48
40	150	RD 65 x 1/6	35	48
50	152	RD 78 x 1/6	40	48

PRESSURE TRANSMITTER WITH SANITARY CLAMP CONNECTION

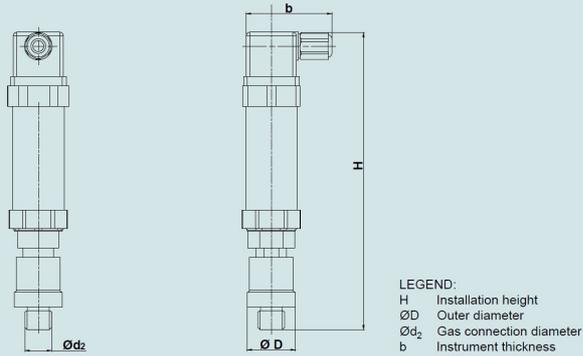


LEGEND:
 H Installation height
 Ø Dm Effective diameter of diaphragm
 Ø D Clamp diameter
 b Instrument thickness

DN	Dimensioni in mm			
	H	ØD	ØDm	b
1 1/2"	148	50	35	48
2"	148	64	40	48



PRESSURE TRANSMITTER WITH SANITARY GAS CONNECTION



LEGEND:
 H Installation height
 ØD Outer diameter
 Ød₂ Gas connection diameter
 b Instrument thickness

Dimensions in mm

H	ØD	Ø d ₂	b
172	40	G 1/2" B	33

Certificates:

Declaration of conformity

Certification of materials

MOCA certification (material objects in contact with food - on request)

Calibration certificate (list of measured single values; 5 measurement points)

Order information:

Model / Scale Field / Process Attack / Parts / Certificates