

PRESSURE TRANSDUCER WITH INTERNAL DIAPHRAGM
TYPE SD 30 ACCURACY 0,5 %
TYPE SD 32 ACCURACY 0,25 %

Standard output: 4...20 mA; 2-wire system
 or 0...20 mA; 3-wire system
 or 0...5 VDC; 3-wire system
 or 0...10 VDC; 3-wire system

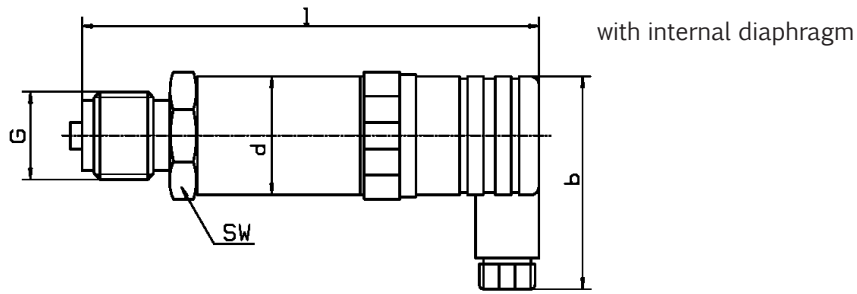
Features:
 High overload protection
 Corrosion resistant
 Highly resistant to shock and vibration

Applications:
 Development and laboratory
 Process engineering



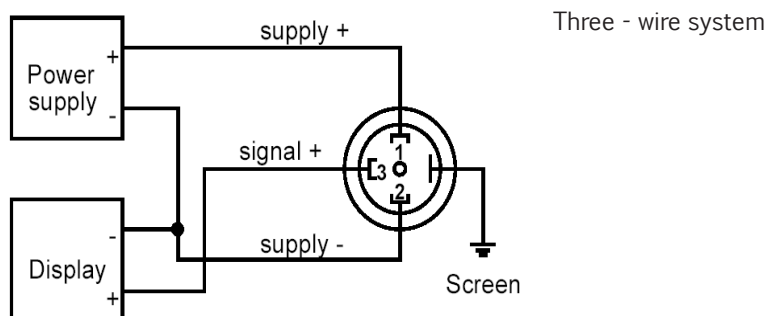
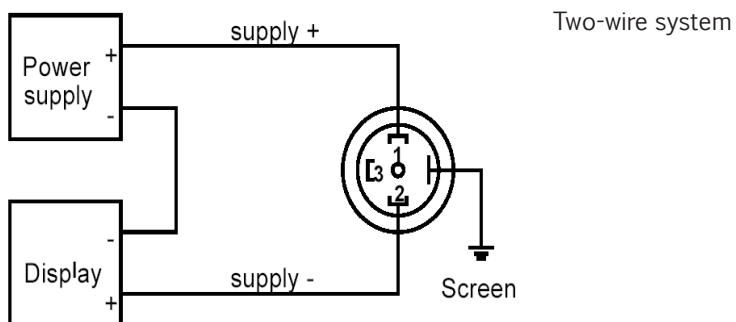
Similar Data	
Ranges in bar	0...0,1, ...0,25, ...0,4, ...0,6, 1, 1,6, 2,5, 4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400, 0...600, 1.000, 1.600, 2.500, 4.000 -0,6 / 0, -1 / 0, -1 / +0,6, -1 / +1,5, -1 / +3, -1 / +5, -1 / +9, -1 / +15, -1 / +24
Overload limit	to 16 bar - 2,0 x from 25 to 600 bar - 2,0 x over 600 bar - 1,5 x
Sensor element	from 0,1 to 16 bar piezoresistive, over 25 bar in Thin film
Repeability	< 0,05 % full scale value
Stability per year	< 0,2 % full scale value in rated conditions
Case	CrNi steel
Wetted parts	CrNi steel
Pressur connection	SW 27 CrNi steel
Electrical connection	plug according to DIN 43650 with junction box
Power supply	10...30 VDC (14...30 VDC for output 0...10 V)
Power consumption	Output 4...20 mA: signal currency voltage output 8 mA
Temp.comp.range	0...80 °C
Temp. influence	0,2 % / 10 K, zero point and measuring element
Response time	(within 10% to 90% of full scale value)
Protection type	IP 65 to EN 60529 /IEC 529
Temperatures	Medium: -30°C up to 100°C, Ambient: -20°C up to 80°C
Weight	0,2 Kg

Dimensions and Design



mass in mm						
Model	b		d	l	SW	G
SD-30	48		27	115	27	1/2 B
SD-32	48		27	115	27	1/2 B

Electrical connection



We reserve the right to change technical details.