



STANDARD PRESSURE TRANSDUCERS DS2/25

COMPETENCE IN MEASUREMENT ENGINEERING



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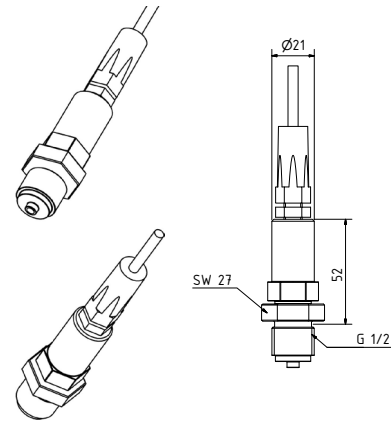
TECHNICAL DATA SHEET PRESSURE TRANSDUCERS

Standard transducers type DS2/25

The pressure transducer PWB-DS 2/25 is designed for connection to the performance data acquisition system PWBlogg. It converts the supply pressure into a pressure-proportional output signal of 0...3 V. The piezoresistive pressure transducer distinguishes itself by minimal temperature variation, high corrosion resistance and extraordinary robustness against electromagnetic fields. This transducer is available for relative pressure effective ranges of 0...100 bar up to 0...1000 bar.

Technical specifications

Body material	rustproof steel
Body protection degree	IP67 subject to DIN EN 60529
Auxiliary energy	6...32 V DC
Output signal	0...3,0 V
Compensated temperature range	-20 °C...80 °C
Storage temperature range	-40 °C...100 °C
Process fitting	G 1/2 A (further ones on request)
Medium touching materials	Al2O3, viton, X5CrNi18.10, X10CRNiS18.9



	available	maximum	available		
	measurement ranges	overload	measurement accuracy		
0...	100 bar	200 bar	1,0 %	0,5 %	0,25 %
0...	160 bar	300 bar	1,0 %	0,5 %	0,25 %
0...	200 bar	300 bar	1,0 %	0,5 %	0,25 %
0...	250 bar	500 bar	1,0 %	0,5 %	0,25 %
0...	400 bar	600 bar	1,0 %	0,5 %	0,25 %
0...	600 bar	900 bar	1,0 %	0,5 %	0,25 %
0...	1000 bar	1200 bar	1,0 %	0,5 %	0,25 %



Händlerstempel



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