

Ordering code DS 201

31.5.2016

DS 201

Electronic pressure switch - transmitter (0 ... 0,1 / 600 bar)

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Measured pressure																					
gauge (0 ... 0,1 / 600 bar)	7 8 2																				
gauge (1 ... 6000 m H ₂ O)	7 8 E																				
absolute (0 ... 0,1 / 600 bar)	7 8 3																				
Input [bar]																					
0,4	4 0 0 0																				
0,6	6 0 0 0																				
1,0	1 0 0 1																				
1,6	1 6 0 1																				
2,5	2 5 0 1																				
4,0	4 0 0 1																				
6,0	6 0 0 1																				
10	1 0 0 2																				
16	1 6 0 2																				
25	2 5 0 2																				
40	4 0 0 2																				
60	6 0 0 2																				
100	1 0 0 3																				
160	1 6 0 3																				
250	2 5 0 3																				
400	4 0 0 3																				
600	6 0 0 3																				
-1 ... 0 (accuracy 1%)	X 1 0 2																				
Underpressure	X X X X																				
Customer	9 9 9 9																				
Analogue output																					
Without		0																			
4 ... 20 mA / 2 wire		1																			
0 ... 10 V / 3 wire		3																			
4 ... 20 mA / 3 wire		7																			
Intrinsic safety 4 ... 20 mA / 2 wire		E																			
Customer		9																			
Switching output																					
1 switching contact (version 3-wire only with 5-pin connector)		1																			
2 switching contacts (only with 5-pin connector)		2																			
4 switching contact (version 3-wire only with 8-pin connector)		4																			
Accuracy																					
0,50%		5																			
1% (for underpressure)		8																			
0,50% calibration including certificate (P _N ≤ 0,4 bar)		T																			
1% calibration including certificate		U																			
Customer		N 9																			
Electrical connection																					
Connector DIN 43650 (ISO 4400) (IP 65)		1 0 0																			
Cable gland PG7 / cable length specify (IP 67)		4 0 0																			
+ PVC cable / 1 m																					
M 12 x 1 (5-pin) (Binder 713) / plastic version (IP 67)		N 0 1																			
M 12 x 1 (8-pin) (Binder 713) / plastic version (IP 67)		M 5 0																			
M 12 x 1 (5-pin) (Binder 713) / metal version (IP 67)		N 1 1																			
Customer		9 9 9																			
Mechanical connection																					
G 1/2" DIN 3852		1 0 0																			
G 1/2" EN 837-1/-3 (manometric)		2 0 0																			
G 1/4" DIN 3852		3 0 0																			
G 1/4" EN 837-1/-3 (manometric)		4 0 0																			
M 20 x 1,5 DIN 3852		5 0 0																			
M 12 x 1 DIN 3852		6 0 0																			
M 10 x 1 DIN 3852		7 0 0																			
M 20 x 1,5 EN 837-1/-3 (manometric)		8 0 0																			
		C 0 0																			
G 1/2" flush diaphragm (only for - 0,3≤PN<40 bar)		F 0 0																			
		H 0 0																			
1/2" NPT		N 0 0																			
1/4" NPT		N 4 0																			
Customer		9 9 9																			
Seals																					
Viton (FKM) (PN ≤ 40 bar)		1																			



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The company BD SENSORS s.r.o. is certified by TÜV SÜD Czech according to the standard ISO 9001.

EPDM (PN < 160 bar)	3				
NBR (PN > 40 bar)	5				
Customer	9				
Pressure port					
Stainless steel 1.4404 (316 L)		1			
PVDF (P _N ≤ 60 bar) (only with connection G 1/2" DIN 3852 open por		B			
Customer		9			
Diaphragm					
Ceramics Al ₂ O ₃			2		
Customer			9		
Special version					
Standard				0	0
Oxygen applications				0	7
Customer				9	9

0,-...without additional charge

On request...in accordance with the producer

Standard EN 837-1/-3 corresponds to original Standard DIN 16288

Additional charge for calibration is not subject to reduction.

This data sheet contains product specification; properties are not guaranteed.

Subject to change without notice.

This dokument contains product specification; properties are not guaranteed. Detailed information about options are defined in the datasheet. Subject to change without notice.



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