

## Ordering code DMP 331P

31.5.2016

### DMP 331P

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Pressure	
gauge	5 0 0
absolute (P <sub>N</sub> > 0,6 bar) (temperature max. 70°C)	5 0 1
Input [bar]	
0.10	1 0 0 0
0.16	1 6 0 0
0.25	2 5 0 0
0.40	4 0 0 0
0.60	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
-1 ... 0 bar (temperature max. 70°C)	X 1 0 2
underpressure (temperature max. 70°C)	X X X X
Customer	9 9 9 9
Output	
4...20 mA / 2-wire	1
0...20 mA / 3-wire	2
0 ... 10 V / 3-wire	3
0...5 V / 3-wire	4
	7
Intrinsic safety Ex ia 4...20 mA/2-wire	E
Customer	9
Accuracy	
1%	8
0,50% (P <sub>N</sub> ≤ 0,4 bar)	5
0,35% (P <sub>N</sub> > 0,4 bar)	3
0,25% (P <sub>N</sub> > 0,4 bar)	2
1% calibration including certificate	U
0,50% calibration including certificate (P <sub>N</sub> ≤ 0,4 bar)	T
0,35% calibration including certificate (standard P <sub>N</sub> > 0,4 bar)	S
0,25% calibration including certificate (P <sub>N</sub> > 0,4 bar)	R
	N
Measured values table for accuracy 0,35% (only on customer request)	M
Customer	9
Electrical connection	
Connector DIN 43650 (ISO 4400) (IP 65)	1 0 0
Connector Binder Serie 723 5-pin (IP 67)	2 0 0
Cable gland PG7 / cable length specify (IP 67)	4 0 0
+ PVC cable / 1 m	
Connector Buccaneer (IP 68)	5 0 0
Field housing stainless steel (IP 67)	8 0 0
Increase of coverage for IP 67 (for connector DIN 43650) (ISO 4400)	E 0 0
M 12 x 1 (4-pin) (Binder 713) (IP 67)	M 0 0
	4 E 1
Customer	9 9 9
Mechanical connection	
G 1/2" DIN 3852 (P <sub>N</sub> > 2,5 bar) (only with seals)	Z 0 0
M 20 x 1,5 DIN 3852 (P <sub>N</sub> > 2,5 bar) (only with seals)	D 0 4
G 3/4" DIN 3852 (P <sub>N</sub> > 0,6 bar) (only with seals)	Z 3 0
G 1" DIN 3852 (P <sub>N</sub> > 0,25 bar) (only with seals)	Z 3 1
G 1 1/2" DIN 3852 (only with seals)	Z 3 3
G 2" DIN 3852	Z 3 4
G 1" DIN 3852 2x O ring (P <sub>N</sub> > 0,25 bar)	Z 5 7
	Z 9 2
Clamp DN 1" (DN 25) (P <sub>N</sub> > 0,6 bar) (without seals)	C 6 1
Clamp DN 1 1/2" (DN 32) (P <sub>N</sub> > 0,4 bar) (without seals)	C 6 2
Clamp DN 2" (DN 50) (P <sub>N</sub> > 0,25 bar) (without seals)	C 6 3
DIN 11851 DN 25 (P <sub>N</sub> > 0,6 bar) (without seals)	M 7 3
DIN 11851 DN 40 (P <sub>N</sub> > 0,4 bar) (without seals)	M 7 5
DIN 11851 DN 50 (P <sub>N</sub> > 0,25 bar) (without seals)	M 7 6
"sandwich" DN 25 (without seals)	S 6 1
"sandwich" DN 50 (without seals)	S 7 6
"sandwich" DIN 2501 DN 80 (without seals)	S 8 0
M 22 x 1,5 DIN 3852 (P <sub>N</sub> > 2,5 bar) (only with seals)	D 1 5
Flange DN 25/PN40 DIN 2501 (without seals)	F 2 0
Flange DN 40/PN40 DIN 2501 (without seals)	F 2 2
Flange DN 50/PN40 DIN 2501 (without seals)	F 2 3
Flange DN 80/PN16 DIN 2501 (without seals)	F 1 4



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

Flange DN 100/PN16 DIN 2501 (without seals)	F	2	5							
Varivent DN 40/50 (without seals)	P	4	1							
Customer	9	9	9							
<b>Diaphragm</b>										
Stainless steel 1.4435								1		
Hastelloy								H		
Tantalum								T		
Customer								9		
<b>Seals</b>										
Without seals (Clamp ,dairy pipe DIN, sandwich, flange, varivent)								0		
Viton (FKM)								1		
EPDM								3		
FFKM								7		
Customer								9		
<b>Filling Fluids</b>										
Silicone oil								1		
Edible oil for foodstuff industry (temperature max. 150°C)								2		
Halocarbon								C		
Customer								9		
<b>Special version</b>										
Standard								0	0	0
With cooling element from 125°C up to 150°C								1	5	0
With cooling element from 150°C up to 300°C (PN ≤ 70 bar max. 200°C permanent)								2	0	0
Customer								9	9	9
3.1 material certificate for membrane and mechanical connection materials										3.1 prot.
Settings in temperature different from basic 20°C (+/- 10°C, max. 70 bar and 200°C)										

0,-...without additional charge  
 On request...in accordance with the producer  
 Additional charge for calibration and other calibration temperature is not subject to reduction.  
 !!!! When you make an order it is necessary to fill the questionnaire for transmitter with separators!!!  
 This data sheet contains product specification; properties are not guaranteed.  
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