Fax: +49 (0) 92 35 / 98 11 -11

BD | SENSORS® pressure measurement

Ordering code DMP 331

DMP 331 ☐☐☐-☐☐☐☐-☐-☐-☐☐☐-☐☐☐-☐-☐☐☐

Pressure

gauge	110	
absolute	111	

Input

[bar]	Code	
0,10	1000	
0,16	1600	
0,25	2500	
0,40	4000	
0,60	6000	
1,0	1001	
1,6	1601	
2,5	2501	
4,0	4001	
6,0	6001	
10	1002	
16	1602	
25	2502	
40	4002	
-1 ... 0	X102	
customer	9999	on request

Output

4 ... 20 mA / 2-wire	1	
0 ... 20 mA / 3-wire	2	
0 ... 10 V / 3-wire	3	
Intrinsic safety 4 ... 20 mA / 2-wire	E	
SIL2 4 ... 20 mA / 2-wire	1S	
SIL2 with Intrinsic safety 4 ... 20 mA / 2-wire	ES	
customer	9	on request

Accuracy

standard for $P_N > 0,4$ bar	0,35 %	3	
standard for $P_N \leq 0,4$ bar	0,5 %	5	
option 1 for $P_N > 0,4$ bar	0,25 %	2	
option 2 for $P_N \geq 1$ bar	0,2 %	B	
option 3 for $P_N \geq 0,16$ bar	0,1 %	1	
customer		9	on request

Electrical connection

Male and female plug ISO 4400	100	
Binder series 723 (5-pin)	200	
Cable gland incl. cable [1, 2]	400	
Cable outlet [1]	TR0	
Male plug Buccaneer IP68 [3]	500	
M12x1 (4-pin)	M00	
Field housing stainless steel	800	
customer	999	on request

Mechanical connection

G1/2" DIN 3852	100	
G1/2" EN 837	200	
G1/4" DIN 3852	300	
G1/4" EN 837	400	
G1/2" DIN 3852 with flush sensor [4]	F00	
G1/2" DIN 3852 open pressure port	H00	
1/2" NPT	N00	
1/4" NPT	N40	
customer	999	on request

Seals

FKM	1	
EPDM	3	
without (welded version) [5]	2	
customer	9	on request

Special version

standard	000	
special compensation -20 ... 50 °C	006	on request
customer	999	on request

[1] different cable types and lengths deliverable
[2] standard: 2 m PVC cable without ventilation tube, optionally cable with ventilation tube
[3] for gauge pressure cable with ventilation tube required
[4] Mechanical connection G1/2" DIN 3852 flush impossible for vacuum ranges
[5] welded version only with pressure ports according to EN 837; not possible with pressure ranges ≤ 0.16 bar

This ordering code contains product specification; properties are not guaranteed. Subject to change without notice.

010108

TÜV CERT DIN EN ISO 9001

BD SENSORS GmbH
BD-Sensors-Straße 1
D - 95199 Thierstein

Telefon +49 (0) 92 35 / 98 11- 0
Telefax +49 (0) 92 35 / 98 11- 11

www.bdsensors.com
info@bdsensors.de