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BD SENSORS® pressure measurement

Ordering code DMP 331P

DMP 331P ☐☐☐-☐☐☐☐-☐-☐-☐☐☐-☐☐☐-☐-☐-☐-☐☐☐

Option		Code	
Pressure			
gauge		5 0 0	
absolute		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	X 1 0 2	
	customer	9 9 9 9	consult
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	consult
Accuracy			
standard for $P_N \geq$ 0,4 bar	0.35 %	3	
standard for $P_N <$ 0,4 bar	0.5 %	5	
option for $P_N \geq$ 0,4 bar	0.25 %	2	
customer		9	consult
Electrical connection			
Male and female plug ISO 4400		1 0 0	
Male plug Binder series 723 (5-pin)		2 0 0	
Cable outlet with PVC-cable [1]		T A 0	
Cable outlet [2]		T R 0	
Male plug M12x1 (4-pin) / metal		M 1 0	
Compact field housing stainless steel stainless steel 1.4305 [3]		8 5 0	
customer		9 9 9	consult
Mechanical connection			
G1/2" with flush welded diaphragm (DIN 3852) [4]		Z 0 0	
G3/4" with flush welded diaphragm (DIN 3852)		Z 3 0	
G1" with flush welded diaphragm (DIN 3852)		Z 3 1	
G1" DIN 3852 with rad. o-ring and flush diaphragm		Z 5 7	
G1/2" DIN 3852 with rad. o-ring and flush diaphragm [4]		Z 6 1	
G 1" cone		K 3 1	
Clamp DN 25 (ISO 2852)		C 6 1	
Clamp DN 38 (ISO 2852)		C 6 2	
Clamp DN 51 (ISO 2852)		C 6 3	
Dairy pipe DN 25 (DIN 11851) [3]		M 7 3	
Dairy pipe DN 40 (DIN 11851) [3]		M 7 5	
Dairy pipe DN 50 (DIN 11851) [3]		M 7 6	
customer		9 9 9	consult
Diaphragm			
Stainless steel 1.4435 (316L)		1	
Tantal		T	
Hastelloy ® C-276 (2.4819)		H	
customer		9	consult
Seals			
for clamp or dairy pipe:	without	0	
for inch thread - standard:	FKM	1	
for inch thread - option:	FFKM	7	
customer		9	consult
Filling Fluids			
Silicon oil		1	
food compatible oil		2	
customer		9	consult
Special version			
standard		0 0 0	
with cooling element up to 300°C		2 0 0	
customer		9 9 9	consult

[1] standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70°C), others on request

[2] cable with ventilation tube (code TR0 = PVC cable), different cable types and lengths available, price without cable

[3] The cup nut has to be mounted by production of pressure transmitter with electrical connection field housing and mechanical connection dairy pipe. The cup nut has to be ordered as separate position.

[4] possible only for $P_N \geq$ 1 bar

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