Code produit

ABP3 D AN V 001BA 2 A 3 XX

Product series
ABP3 Amplified Basic

Package
- D DIP (Dual Inline Pin)
- M SMT (Surface Mount Technology)
- L Leadless SMT

Pressure port[1]

		DIP	SMT	Leadless SMT
Plastic	NN	No port	No port	No port
	AN	Single axial barbed port	Single axial barbed port	Single axial barbed port
Metal	VN	Single axial barbless port	Single axial barbless port	Single axial barbless port
	SN	Single axial straight barbless port	Single axial straight barbless port	Single axial straight barbless port
Plastic	RN	Single radial barbed port	Single radial barbed port	—
	RR	Dual radial barbed ports, same side	Dual radial barbed ports, same side	—
	DA	Dual axial barbed ports, same side	Dual axial barbed ports, same side	—

Product option[2,3]
- D Dry gases only, diagnostics on
- V Liquid media, food-grade silicone gel, diagnostics on
- F Liquid media, fluorosilicone gel, diagnostics on

Pressure range

2.5 mbar to 10 bar		1 inH_2O to 150 psi	
Absolute		**Absolute**	
001BA	1 bar	015PA	15 psi
1.6BA	1.6 bar	030PA	30 psi
2.5BA	2.5 bar	060PA	60 psi
004BA	4 bar	100PA	100 psi
006BA	6 bar	150PA	150 psi
010BA	10 bar		
Differential		**Differential**	
2.5MD	±2.5 mbar	001ND	±1 inH_2O
006MD	±6 mbar	002ND	±2 inH_2O
010MD	±10 mbar	004ND	±4 inH_2O
016MD	±16 mbar	005ND	±5 inH_2O
025MD	±25 mbar	010ND	±10 inH_2O
040MD	±40 mbar	020ND	±20 inH_2O
060MD	±60 mbar	030ND	±30 inH_2O
100MD	±100 mbar	001PD	±1 psi
160MD	±160 mbar	005PD	±5 psi
250MD	±250 mbar	015PD	±15 psi
400MD	±400 mbar	030PD	±30 psi
600MD	±600 mbar	060PD	±60 psi
001BD	±1 bar		
1.6BD	±1.6 bar		
2.5BD	±2.5 bar		
004BD	±4 bar		
Gage		**Gage**	
006MG	6 mbar	002NG	2 in H_2O
010MG	10 mbar	004NG	4 inH_2O
016MG	16 mbar	005NG	5 inH_2O
025MG	25 mbar	010NG	10 inH_2O
040MG	40 mbar	020NG	20 inH_2O
060MG	60 mbar	030NG	30 inH_2O
100MG	100 mbar	001PG	1 psi
160MG	160 mbar	005PG	5 psi
250MG	250 mbar	015PG	15 psi
400MG	400 mbar	030PG	30 psi
600MG	600 mbar	060PG	60 psi
001BG	1 bar	100PG	100 psi
1.6BG	1.6 bar	150PG	150 psi
2.5BG	2.5 bar		
004BG	4 bar		
006BG	6 bar		
008BG	8 bar		
010BG	10 bar		

Output type

A	Analog	3	I^2C, Address 0x38
S	SPI	4	I^2C, Address 0x48
0	I^2C, Address 0x08	5	I^2C, Address 0x58
1	I^2C, Address 0x18	6	I^2C, Address 0x68
2	I^2C, Address 0x28	7	I^2C, Address 0x78

Transfer function
- A 10 % to 90 % of Vsupply (analog), 2^{16} counts (digital)

Supply voltage
- 3 3.3 Vdc
- 5 5.0 Vdc

Future
XX