

Product code

Product series ABP3 Amplified Basic		ABP3	D	AN	V	001BA	2	A	3	XX	Future XX
Package D DIP (Dual InLine Pin) M SMT (Surface Mount Technology) L Leadless SMT											Supply voltage 3 3.3 Vdc 5 5.0 Vdc
Pressure port¹											Transfer function A 10 % to 90 % of Vsupply (analog), 2 nd counts (digital)
Plastic	NN No port	NN No port	NN No port								
	AN Single axial barbed port	AN Single axial barbed port	AN Single axial barbed port								
	VN Single axial barbless port	VN Single axial barbless port	VN Single axial barbless port								
	SN Single axial straight barbless port	SN Single axial straight barbless port	SN Single axial straight barbless port								
	RR Dual radial barbed ports, same side	RR Dual radial barbed ports, same side									
	DA Dual axial barbed ports, same side	DA Dual axial barbed ports, same side									
Metal	NN No port	NN No port	NN No port								
	AN Single axial barbed port	AN Single axial barbed port	AN Single axial barbed port								
	VN Single axial barbless port	VN Single axial barbless port	VN Single axial barbless port								
	SN Single axial straight barbless port	SN Single axial straight barbless port	SN Single axial straight barbless port								
	RR Dual radial barbed ports, same side	RR Dual radial barbed ports, same side									
	DA Dual axial barbed ports, same side	DA 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											Output type A Analog 3 I ² C, Address 0x38 S SPI 4 I ² C, Address 0x48 0 I ² C, Address 0x08 5 I ² C, Address 0x58 1 I ² C, Address 0x18 6 I ² C, Address 0x68 2 I ² C, Address 0x28 7 I ² C, Address 0x78

Pressure range

2.5 mbar to 10 bar	1 inH ₂ O to 150 psi
Absolute	Absolute
001BA 1 bar	015PA 15 psi
168BA 1.6 bar	030PA 30 psi
258BA 2.5 bar	060PA 60 psi
004BA 4 bar	100PA 100 psi
006BA 6 bar	150PA 150 psi
010BA 10 bar	
Differential	Differential
25MD ±2.5 mbar	001ND ±1 inH ₂ O
006MD ±6 mbar	002ND ±2 inH ₂ O
010MD ±10 mbar	004ND ±4 inH ₂ O
016MD ±16 mbar	005ND ±5 inH ₂ O
025MD ±25 mbar	010ND ±10 inH ₂ O
040MD ±40 mbar	020ND ±20 inH ₂ O
060MD ±60 mbar	030ND ±30 inH ₂ O
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	
168BD ±1.6 bar	
258BD ±2.5 bar	
004BD ±4 bar	
Gage	Gage
006MG 6 mbar	002NG 2 in H ₂ O
010MG 10 mbar	004NG 4 inH ₂ O
016MG 16 mbar	005NG 5 inH ₂ O
025MG 25 mbar	010NG 10 inH ₂ O
040MG 40 mbar	020NG 20 inH ₂ O
060MG 60 mbar	030NG 30 inH ₂ O
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
168BG 1.6 bar	150PG 150 psi
258BG 2.5 bar	
004BG 4 bar	
006BG 6 bar	
008BG 8 bar	
010BG 10 bar	