## Produktschlüssel

**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 | NN No port | NN No port |
| Plastic | AN Single axial barbed port | AN Single axial barbed port | AN Single axial barbed port |
| Metal | VN Single axial barbless port | VN Single axial barbless port | VN Single axial barbless port |
| Metal | SN Single axial straight barbless port | SN Single axial straight barbless port | SN Single axial straight barbless port |
| Plastic | RN Single radial barbed port | RN Single radial barbed port | — |
| Plastic | RR Dual radial barbed ports, same side | RR Dual radial barbed ports, same side | — |
| Plastic | 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

### Future
XX

### Supply voltage
- 3 3.3 Vdc
- 5 5.0 Vdc

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

### Output type
- A Analog
- S SPI
- 0 I²C, Address 0x08
- 1 I²C, Address 0x18
- 2 I²C, Address 0x28
- 3 I²C, Address 0x38
- 4 I²C, Address 0x48
- 5 I²C, Address 0x58
- 6 I²C, Address 0x68
- 7 I²C, Address 0x78

### 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 | | |