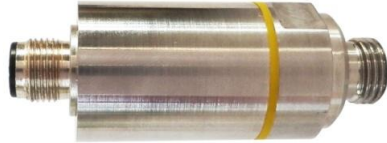
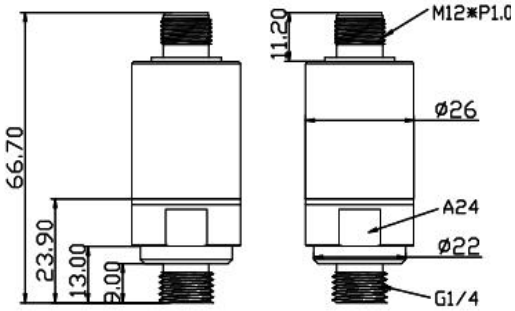
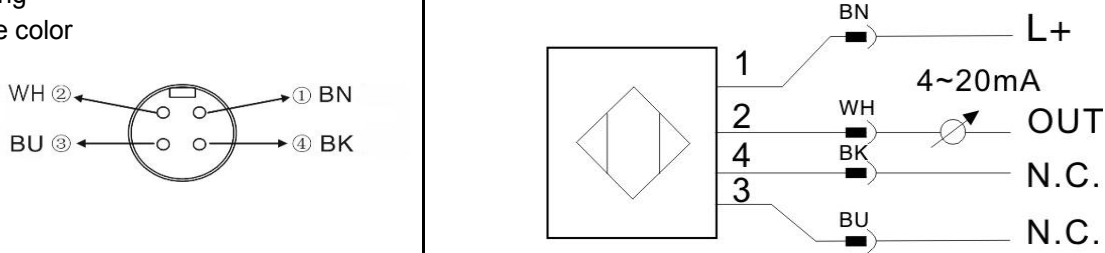


<p>PB2121 Analogue Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range -100...250 mbar -1.45...3.6 Psi -0.1...0..25 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Negative pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	1.0
Burst pressure[bar]	1.3
Analogue output	4...20mA
Analogue output load[Ohm]	4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000
Consumption	0.72W Max
Final value measured[%]	< ±1
Measuring Accuracy[%]	±1
Output response time[ms]	3
Ambient temperature [°C/°F]	-25...80/-13...176
Medium temperature [°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-40...100/-40...212
Protection/Enclosure Rating	IP68
Insulation resistance[MΩ]	> 100(500 V DC)
Dimension[mm]	
ESD EN61000-4-2	4kV (Level 2)
EFT EN61000-4-4	2kV (Level 3)
Walkie talkie experiment[mm]	<10
Shock resistance[g]	50

Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a circular terminal block with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN wire, terminal 2 to a WH wire, terminal 4 to a BK wire, and terminal 3 to a BU wire. The BN wire is connected to L+, the WH wire to a 4~20mA current source, the BK wire to N.C., and the BU wire to N.C. A separate diagram shows the core color coding: terminal 1 is BN, terminal 2 is WH, terminal 3 is BU, and terminal 4 is BK.</p>



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