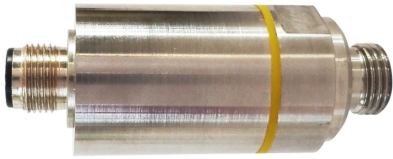
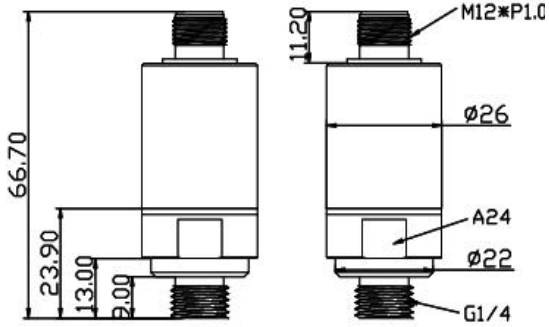
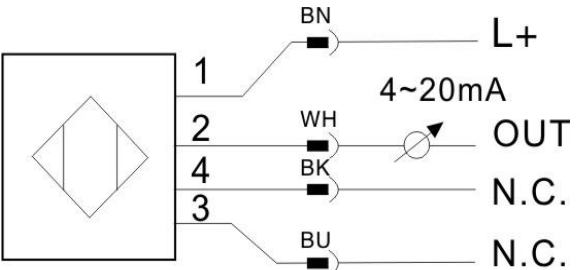


<p>PB2143 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...10bar 0...145Psi 0...10 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	20
Burst pressure[bar]	35
Analogue output	4...20 mA
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]	 <p>Technical drawing showing dimensions and specifications for the PB2143 Compact Pressure Sensor. The drawing includes two views: a side view and a front view. Dimensions are provided in millimeters (mm):</p> <ul style="list-style-type: none"> Total height: 66.70 Height from base to top of sensor body: 23.90 Height from base to top of M12 socket: 13.00 Height from base to top of G1/4 thread: 2.00 Height of M12 socket: 11.20 Outer diameter of sensor body: $\varnothing 26$ Outer diameter of G1/4 thread: $\varnothing 22$ Thread specifications: M12*P1.0 and G1/4 Internal thread specification: A24
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(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	



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