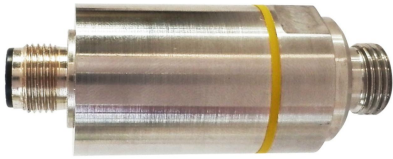
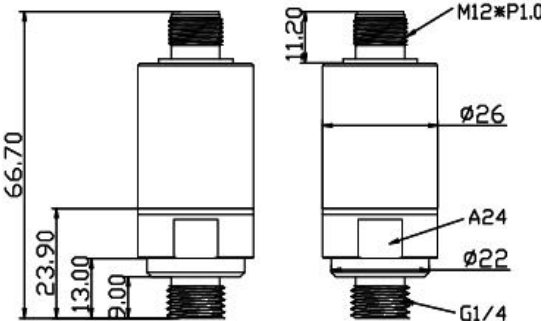


<p>PB2164 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...20bar 0...290Psi 0...20kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	40
Burst pressure[bar]	60
Analogue output	0...10V
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(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a wire labeled BN, which is connected to L+. Terminal 2 is connected to a wire labeled WH, which is connected to the wiper of a potentiometer labeled O~10V. Terminal 4 is connected to a wire labeled BK, which is connected to the N.C. (No Connection) terminal of the potentiometer. Terminal 3 is connected to a wire labeled BU, which is connected to L-. A separate diagram on the left shows the core color layout: a circle with four terminals. Terminal 1 (top right) is BN, terminal 2 (top left) is WH, terminal 3 (bottom left) is BU, and terminal 4 (bottom right) is BK.</p>



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