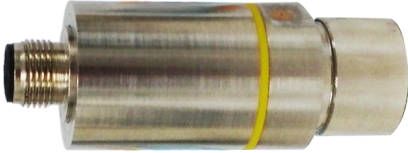
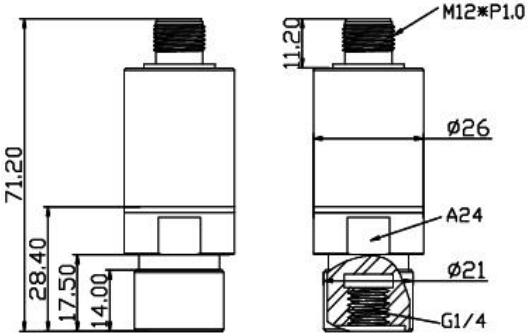


<p>PB1147 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...200bar 0...2900Psi 0...202 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><30</p>
<p>Overloading Pressure[bar]</p>	<p>300</p>
<p>Burst pressure[bar]</p>	<p>400</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>< ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±1</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>> 100(500 V DC)</p>
<p>Dimension[mm]</p>	 <p>Technical drawing showing dimensions and specifications:</p> <ul style="list-style-type: none"> Total height: 71.20 mm Height to top of sensor: 28.40 mm Height to top of connector: 17.50 mm Height to bottom of connector: 14.00 mm Thread: M12*P1.0 Outer diameter: Ø26 Inner diameter: Ø21 Bottom thread: G1/4 Internal thread: A24
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 diamond-shaped M12 socket with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to a BN terminal, which is labeled L+. Pin 2 is connected to a WH terminal, which is labeled OUT with a current range of 4~20mA. Pin 4 is connected to a BK terminal, which is labeled N.C. Pin 3 is connected to a BU terminal, which is also labeled N.C. To the left, a circular core color coding diagram shows four terminals: ① BN (top right), ② WH (top left), ③ BU (bottom left), and ④ BK (bottom right).</p>



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