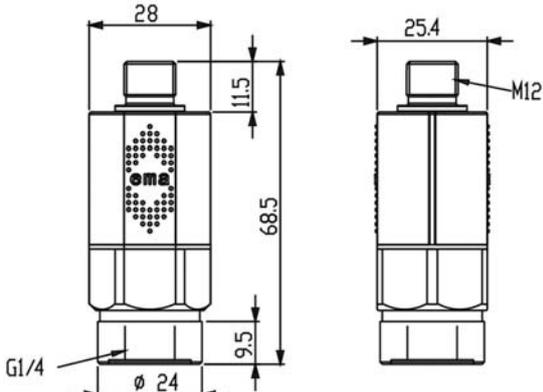
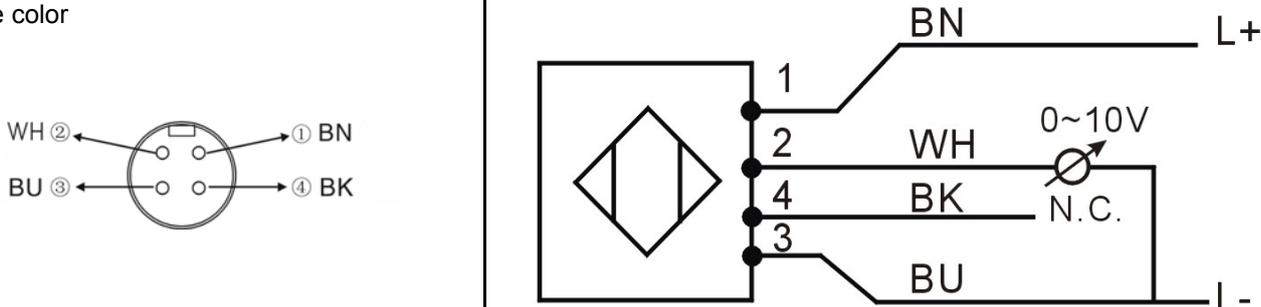


<p>PB1114 Pressure transmitter</p> <p>Thread connection: G1/4</p> <p>Analog output</p> <p>Sensing range 0...200bar</p>	 <p>CE RoHS</p>
<p>Application</p>	<p>Pressure: corresponding pressure Liquid and gas For gas, the max. value of sensing range is 25 bar.</p>
<p>Electric design</p>	<p>DC</p>
<p>Output</p>	<p>0...10V Analog</p>
<p>Operating voltage [V]</p>	<p>16...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Overload protection</p>	<p>Yes</p>
<p>Analog output</p>	<p>0...10V</p>
<p>Loading for analog output [Ohm]</p>	<p>Min. 2000</p>
<p>Pressure rating [bar]</p>	<p>400</p>
<p>Min. bursting pressure [bar]</p>	<p>450</p>
<p>Accuracy / Deviation [% of the final value] Characteristics deviation</p>	<p><±0.5</p>
<p>[Repeatability]</p>	<p><0.1</p>
<p>Max. temperature coefficient of zero point</p>	<p>0.1</p>
<p>Max. temperature coefficient of sensing range</p>	<p>0.2</p>
<p>Analog output response time [ms]</p>	<p>3</p>
<p>Operating temperature [°C]</p>	<p>-25...80</p>
<p>Medium temperature [°C]</p>	<p>-25...80</p>
<p>Storage temperature [°C]</p>	<p>-40...100</p>
<p>Protection classification</p>	<p>IP67</p>
<p>Insulation resistance [MΩ]</p>	<p>>100(500 VDC)</p>
<p>Dimension</p>	

Shock resistance [g]	50
Vibration resistance [g]	20
Housing material	Stainless steel (S304) ; PA66+30%GF
Medium contacting material	V2A(1.4305);Ceramic ; FPM (Viton)
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a diamond-shaped core with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to BN (Blue-White) and L+. Terminal 2 is connected to WH (White) and a 0~10V potentiometer. Terminal 4 is connected to BK (Black) and N.C. (Not Connected). Terminal 3 is connected to BU (Blue) and L-. A separate circular diagram shows the core color coding: ① BN, ② WH, ③ BU, and ④ BK.</p>



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