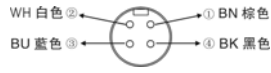


<p>PB1112 Pressure transmitter Suitable for strong electromagnetic interference environment Tube connection: G1/4 internal thread</p> <p>Analog output</p> <p>Measuring range 0...100bar</p>	 <p>CE RoHS</p>
<p>Application</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Electric design</p>	<p>DC</p>
<p>Output</p>	<p>0...10V</p>
<p>Operating voltage [V]</p>	<p>16...36 DC</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>Maximum $(U_b - 8V) \times 50$; 500, if $U_b = 24V$</p>
<p>Pressure rating [bar]</p>	<p>4</p>
<p>Min. bursting pressure [bar]</p>	<p>7</p>
<p>Calibrated atmospheric pressure</p>	<p>Standard atmospheric pressure</p>
<p>Accuracy / Deviation [% of the final value] Characteristics deviation</p>	<p>< ± 1</p>
<p>Repeatability</p>	<p>< 0.5</p>
<p>Max. temperature coefficient of zero point</p>	<p>0.5</p>
<p>Max. temperature coefficient of measuring</p>	<p>0.5</p>
<p>Analog output response time [ms]</p>	<p>3</p>
<p>Environmental 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>Calibrated temperature</p>	<p>25\pm0.5</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);Aluminum alloy,
Medium contacting material	S304;Ceramic; FPM (Vition)
Connection	M12 socket
Connection picture Core color	



ema Electronics Ltd.

Website: www.ema-electronic.com

E-Mail: info@ema-electronic.com