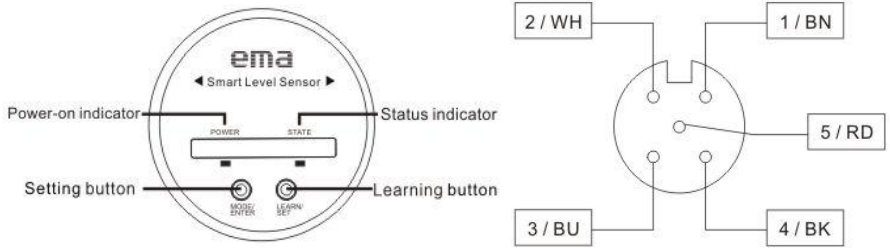
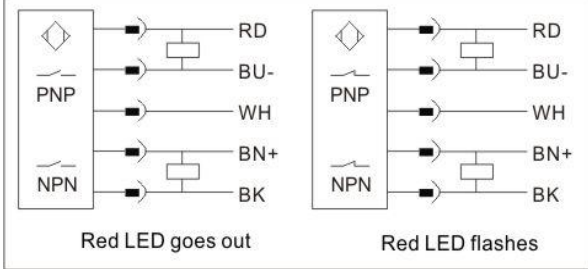


<p>LE0105 EX proof High-Frequency Level Switch PNP/NPN output High-temperature + Extension type L=250mm G1/2"A thread M12*1.0 socket</p> <p>Auto-learning function For powder,liquid,sticky liquid</p>	
<p>Ex-proof marking</p>	<p>Ex nA IIC T5 Gc / Ex tD A21 IP67 T100°C</p>
<p>Application</p>	<p>Powder,liquid, suitable for sticky liquid</p>
<p>Display</p>	<p>Power indicator: green LED , Status indicator: red LED</p>
<p>Operating voltage[V]</p>	<p>18...36DC</p>
<p>Switch response time[s]</p>	<p><1</p>
<p>Maximum power consumption[W]</p>	<p>< 1W</p>
<p>Output</p>	<p>PNP/NPN NO/NC</p>
<p>Switch output maximum load[mA]</p>	<p>200</p>
<p>NO/NC setting</p>	<p>Yes</p>
<p>Learning switching point function</p>	<p>Yes</p>
<p>Medium temperature[°C/°F]</p>	<p>-40...+200/-40...+392</p>
<p>environment temperature[°C/°F]</p>	<p>-40...+85/-40...+185</p>
<p>Operating pressure[bar]</p>	<p>Max. 40 bar</p>
<p>Thread connection</p>	<p>G1/2"A</p>
<p>Probe length[mm]</p>	<p>250</p>
<p>Connection</p>	<p>M12 socket</p>
<p>Housing material</p>	<p>Stainless steel 316L</p>
<p>Probe material</p>	<p>PEEK</p>
<p>Probe material/Wetted Parts</p>	<p>IP67/IP69K*</p>
<p>EMC</p>	<p>ESD 6KV III</p>
	<p>EFT 2KV III</p>
	<p>Surge immunity test 500V I</p>
<p>Walkie talking experiment[mm]</p>	<p>< 5</p>
<p>Dimension[mm]</p>	

<p>Panel and M12 Connection</p>	 <p>The diagram shows the front panel of the 'ema Smart Level Sensor' and its corresponding M12 connector. The front panel features a 'Power-on indicator' (POWER), a 'Status indicator' (STATE), a 'Setting button' (ENTER), and a 'Learning button' (LEARN). The M12 connector has five pins labeled: 1 / BN, 2 / WH, 3 / BU, 4 / BK, and 5 / RD.</p>
<p>Drawing</p>	 <p>The drawing shows two electrical circuit diagrams. The left diagram, labeled 'Red LED goes out', shows a PNP transistor connected to the BU- pin and an NPN transistor connected to the BK pin. The right diagram, labeled 'Red LED flashes', shows a PNP transistor connected to the BU- pin and an NPN transistor connected to the BK pin. Both diagrams also show connections for RD, WH, and BN+ pins.</p>
<p>Note*</p>	<p>Use sanitary adapter to upgrade to IP69K (Optional accessory)</p>



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