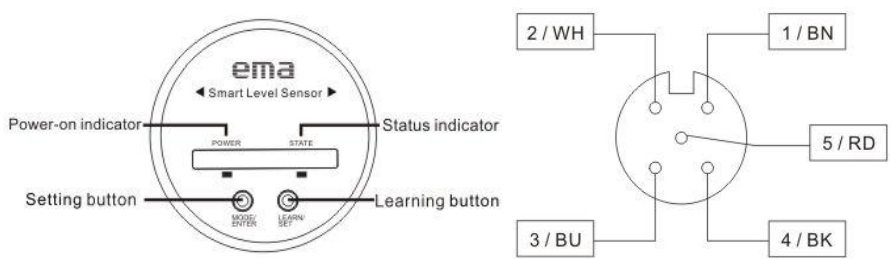
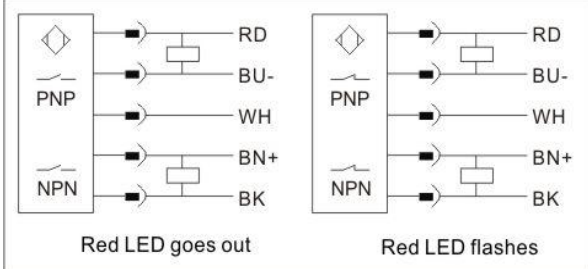


<p>LE0103 EX proof High-Frequency Level Switch PNP/NPN output High-temperature + Extension type L=150mm G1/2"A thread M12*1.0 socket</p> <p>Auto-learning function For powder,liquid,sticky liquid</p>	
Ex-proof marking	Ex nA IIC T5 Gc / Ex tD A21 IP67 T100°C
Application	Powder,liquid, suitable for sticky liquid
Display	Power indicator: green LED , Status indicator: red LED
Operating voltage[V]	18...36DC
Switch response time[s]	<1
Maximum power consumption[W]	< 1W
Output	PNP/NPN NO/NC
Switch output maximum load[mA]	200
NO/NC setting	Yes
Learning switching point function	Yes
Medium temperature[°C/°F]	-40...+200/-40...+392
environment temperature[°C/°F]	-40...+85/-40...+185
Operating pressure[bar]	Max. 40 bar
Thread connection	G1/2"A
Probe length[mm]	150
Connection	M12 socket
Housing material	Stainless steel 316L
Probe material	PEEK
Probe material/Wetted Parts	IP67/IP69K*
EMC	ESD 6KV III
	EFT 2KV III
	Surge immunity test 500V I
Walkie talking experiment[mm]	< 5
Dimension[mm]	

<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' (M12 ENTER), and a 'Learning button' (M12 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 connection diagrams. The left diagram, labeled 'Red LED goes out', shows a PNP transistor connected to RD and BU-, and an NPN transistor connected to BN+ and BK. The right diagram, labeled 'Red LED flashes', shows a PNP transistor connected to RD and BU-, and an NPN transistor connected to WH and BK.</p>
<p>Note*</p>	<p>Use sanitary adapter to upgrade to IP69K (Optional accessory)</p>



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