Magnetic float level transmitter
E2718



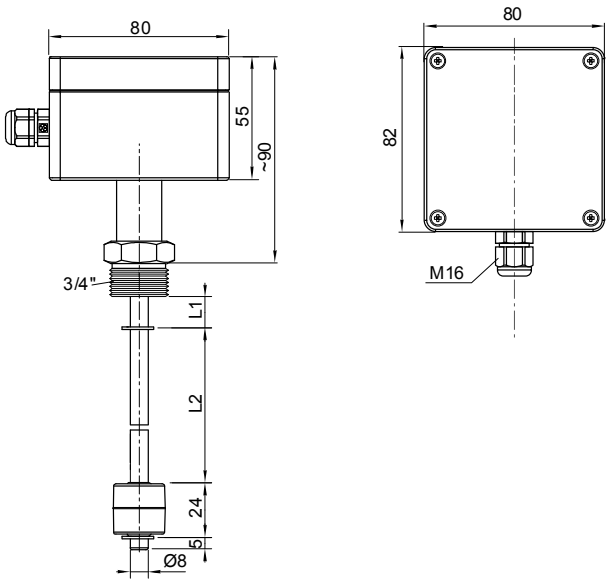
Features

- Water, beverages, oil, diesel level control in tanks
- Level range from 100 mm to 3000 mm
- High resolution (5 mm)
- Stainless steel wetted parts
- Temperature measurement option
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface

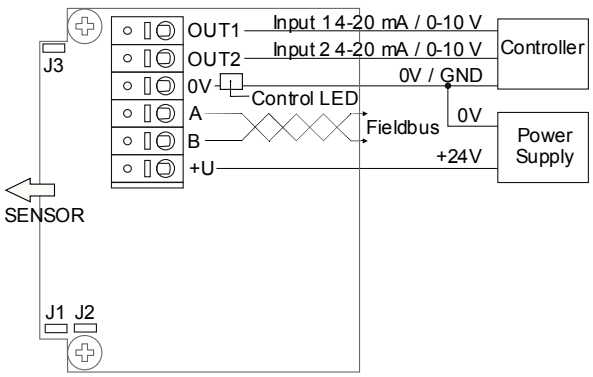
Specifications

Sensing method	magnetic floats and reed switches
Resolution	5 mm
Accuracy	± 5 mm
Stem length	from 100 mm to 3000 mm
Max level	at distance L1 from top, L1 > 10 mm
Min level	at distance L1+L2 from top, 100 mm < L2 < 3000 mm
Analog outputs	2 × 4-20 mA or 0-10 V, user settable
Digital interface	RS485, Modbus RTU protocol
Power supply	11...30 VDC, nominal 12 / 24 VDC
Power consumption	< 2 W
Process connection	3/4“ thread, outside mounting
Wetted parts	AISI316 / V2A stainless steel/PA, IP68
Float material	V2A stainless steel for liquids with density > 0.9 g/cm³ polyamide for liquids with density < 0.9 g/cm³
Process temperature	-40...+130 °C (with stainless steel float) -10...+90 °C (with PA float)
Ambient temperature	-40...+130 °C (cable), -40...+85 °C (M12 connector)
Enclosure	light-grey ABS 82 × 80 × 55 mm, IP65
EMC	according to 2014/30/EU, 2014/35/EU and EN61326-1 requirements

Dimensions



Connection diagram



J1: OUT1 type (open: 4-20 mA; closed: 0-10 V)
J2: OUT2 type (open: 4-20 mA; closed: 0-10 V)
J3: return to factory settings