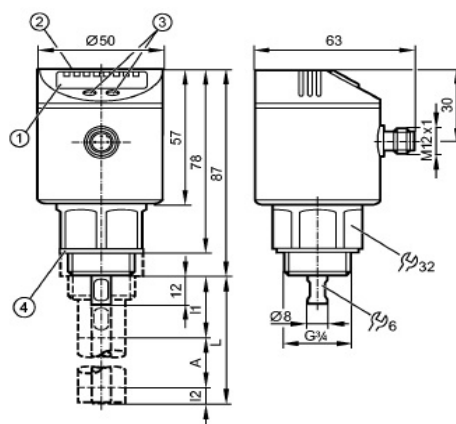


LRG30 GUIDED MICROWAVE ROD LEVEL TRANSMITTER

Level transmitter with guided wave radar technology. Ideal for level control in small tanks.

Fluids detectable

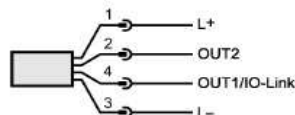
- water-based coolants
- oils
- oil-based fluids
- water
- fluids with characteristics similar to water



TECHNICAL SPECIFICATIONS

Process connection:	3/4" GAS M
Rod length:	L 100...1600 mm
Active range A:	L-40 (L-60)*
Inactive range I1 / I2:	30 / 10 (30)*
Switching point SP mm:	≥ 15 (35)* / ≤ L-30
Switch-off point rP mm:	≥ 10 (30)* / ≤ L-35
In steps of:	5 mm
Hysteresis	≥ 5 mm
Output No. 2:	OUT 1 switching (N.A. / N.C. programmable) OUT 2 Analog 4/20 mA max 500 ohms, or 0/10V 2000 ohms max
Display:	Unit 3 x LED green Switching status LED 1 x yellow Level 4-digit alphanumeric display Programming 4-digit alphanumeric display
Fluid temperature:	0...80°C
Tanks pressure:	-1...4 bar max
Dielectric fluid constant:	≥ 2 for media with a dielectric constant 2 ... 20 (eg oils) you need a tube coaxial to the operation
Supply:	18...30 V dc - 200 mA
Voltage drop:	<2,5 V
Short-circuit protection:	thermal, pulse
Overload protection:	Yes
Accuracy of switching point:	+/- (15 + 0.5 % MEW**))
Repeatability:	+/- 5 mm
Protection:	IP67
Wetted parts:	inox (1.4305 / 303); rod inox (1.4435 / 316L); PTFE; FKM; gasket tesnit
Electronic housing:	inox (1.4301 / 304); FKM; PBT; PC; PEI; TPE / V; PTFE
Electrical connection:	M12 connector (according to EN 61076-2-101); gold-plated contacts
Accessories:	rod L150, L240, L300, L450, L500, L700, L1000, L1200, L1400, L1600 Coaxial tube L as rod, connection 3/4" regulated power supply for sensors, diagnostics and electronica plc's

Cablagnaio



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