Sensors with integrated amplifier | SN 450-A4-GSP

- Screw-in sensor for flow monitoring
- Robust, compact design
- With switching or analogue output
- Flow monitoring in rough and corrosive environments with heightened requirements for the stability and durability of a device

G1/2 - sensor length 31 mm - 24 VDC - PNP NO - 2 m PVC cable

TYPE	SN 450-A4-GSP
Product ID	P11241
Medium	water, oil
Detection range water	1 cm/s ... 150 cm/s
Detection range Oil	3 cm/s ... 300 cm/s
Process connection	G1/2
Sensor length L	31 mm
Output	switching output
Output function	PNP-NO
Supply voltage	24 V DC +/- 20 %
Current consumption max.	60 mA
Switching current max.	400 mA (20 °C)
Reverse polarity protection	✓
Voltage drop max.	2.5 V
Ambient temperature	-20 °C ... 70 °C
Medium temperature	-20 °C ... 80 °C
Temperature gradient fluids	250 K/min
Start-up time typ.	8 s(2 s ... 15 s)
Reaction time typ.	2 s(1 s ... 13 s)
Compressive strength	100 bar

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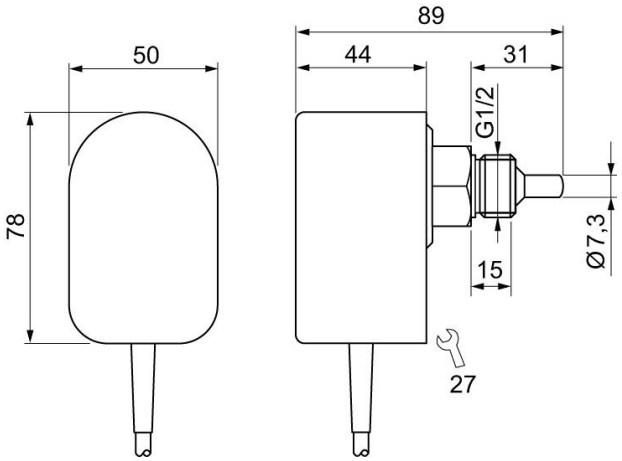
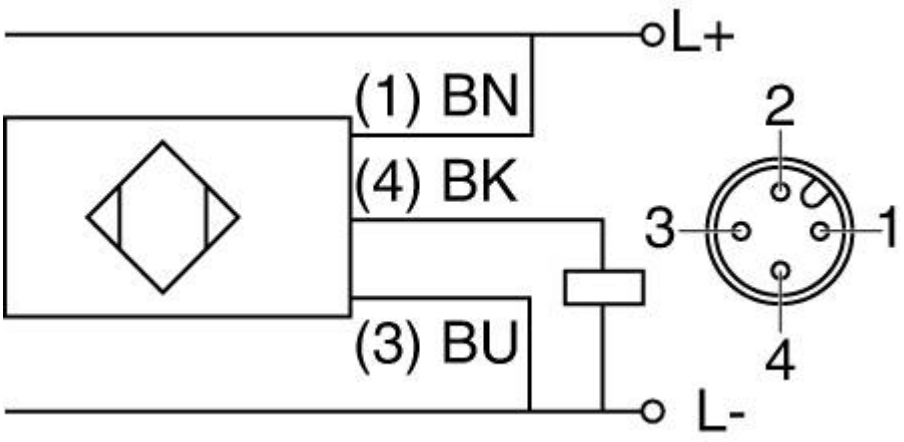
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	PBT
Display flow	LED-Array
Protection [EN 60529]	IP 67
Electrical connection	2 m PVC-cable 3x0.5 mm²
Accessories (in scope of delivery)	2 x gasket G1/2 AFM 34, screwdriver
Note	with longer cable available on request

Technical Image



Pin Map



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