Sensors with integrated amplifier | SN 450-A4-WR2

- 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 - 230 VAC - output relay - 2 m PVC cable

TYPE	SN 450-A4-WR2
Product ID	P11114
Medium	Water, oil
Detection range water	1 ... 150 cm/s
Detection range Oil	3 ... 300 cm/s
Process connection	G1/2
Sensor length L	31 mm
Output	switching output
Output function	relay / change-over
Supply voltage	230 VAC +/- 15 %
Current consumption max.	30 mA
Switching voltage max.	250 VAC / 60 VDC
Switching current max.	4 A AC / 4 A DC
Switching power max.	1000 VA / 60 W
Ambient temperature	-20 ... 70 °C
Medium temperature	-20 ... 80 °C
Temperature gradient fluids	250 K/min
Start-up time typ.	8 s (2 ... 15 s)
Reaction time typ.	2 s (1 ... 13 s)
Compressive strength	100 bar

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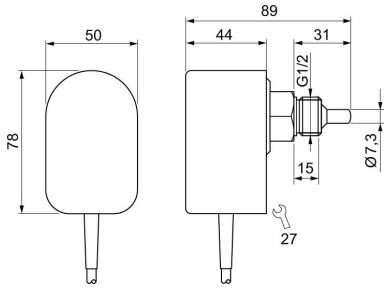
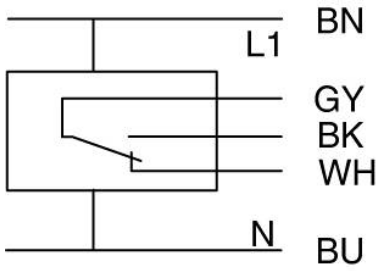
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	PBT
Display flow	LED-Array
Protection [EN 60529]	IP 67
Electrical connection	2 m PVC-cable 5x0.5 mm²
Accessories (in scope of delivery)	2 x gasket G1/2 AFM 34, screwdriver
Note	with longer cable available on request
Technical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

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G 1/2 - sensor length 48 mm - 230 VAC - output relay

TYPE	SN 450/1-A4-WR2
Product ID	P11076
Medium	Water, oil
Detection range water	1 ... 150 cm/s
Detection range Oil	3 ... 300 cm/s
Process connection	G1/2
Sensor length L	48 mm
Output	switching output
Output function	relay / change-over
Supply voltage	230 VAC +/- 15 %
Current consumption max.	30 mA
Switching voltage max.	250 VAC / 60 VDC
Switching current max.	4 A AC / 4 A DC
Ambient temperature	-20 ... 70 °C
Medium temperature	-20 ... 80 °C
Temperature gradient fluids	250 K/min
Start-up time typ.	8 s (2 ... 15 s)
Reaction time typ.	2 s (1 ... 13 s)
Compressive strength	100 bar
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	PBT, PVC
Display flow	LED-Array

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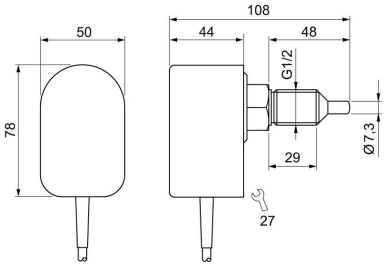
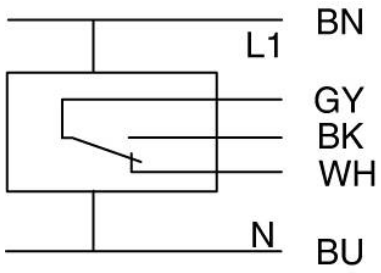
Protection [EN 60529]	IP 67
Electrical connection	2 m PVC-cable 5x0.5 mm²
Accessories (in scope of delivery)	2 x gasket G1/2 AFM 34, screwdriver
Note	with longer cable available on request
Technical Image	
Pin Map	

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G 1/2 - sensor length 80 mm - 230 VAC - output relay

TYPE	SN 450/2-A4-WR2
Product ID	P11080
Medium	Water, oil
Detection range water	1 ... 150 cm/s
Detection range Oil	3 ... 300 cm/s
Process connection	G1/2
Sensor length L	80 mm
Output	switching output
Output function	relay / change-over
Supply voltage	230 VAC +/- 15 %
Current consumption max.	30 mA
Switching voltage max.	250 VAC / 60 VDC
Switching current max.	4 A AC / 4 A DC
Ambient temperature	-20 ... 70 °C
Medium temperature	-20 ... 80 °C
Temperature gradient fluids	250 K/min
Start-up time typ.	8 s (2 ... 15 s)
Reaction time typ.	2 s (1 ... 13 s)
Compressive strength	100 bar
Material sensor touched by medium	stainless steel AISI 316 Ti

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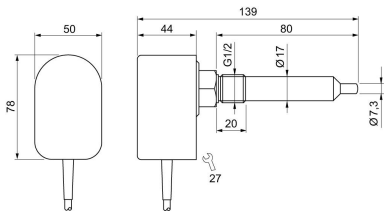
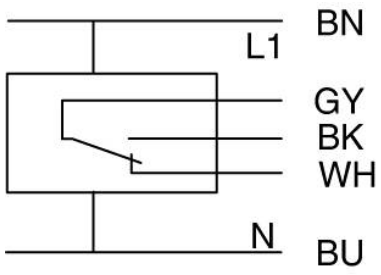
Material housing	PBT, PVC
Display flow	LED-Array
Protection [EN 60529]	IP 67
Electrical connection	2 m PVC-cable 5x0.5 mm²
Accessories (in scope of delivery)	2 x gasket G1/2 AFM 34, screwdriver
Note	with longer cable available on request
Technical Image	
Pin Map	

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