

# Sensors with integrated amplifier | SN 450/3-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



## G 1/2 - sensor length 120 mm - 230 VAC - output relay

<b>TYPE</b>	SN 450/3-A4-WR2
<b>Product ID</b>	P11083
<b>Medium</b>	Water, oil
<b>Detection range water</b>	1 ... 150 cm/s
<b>Detection range Oil</b>	3 ... 300 cm/s
<b>Process connection</b>	G1/2
<b>Sensor length L</b>	120 mm
<b>Output</b>	switching output
<b>Output function</b>	relay / change-over
<b>Supply voltage</b>	230 VAC +/- 15 %
<b>Current consumption max.</b>	30 mA
<b>Switching voltage max.</b>	250 VAC / 60 VDC
<b>Switching current max.</b>	4 A AC / 4 A DC
<b>Ambient temperature</b>	-20 ... 70 °C
<b>Medium temperature</b>	-20 ... 80 °C
<b>Temperature gradient fluids</b>	250 K/min
<b>Start-up time typ.</b>	8 s (2 ... 15 s)
<b>Reaction time typ.</b>	2 s (1 ... 13 s)
<b>Compressive strength</b>	100 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 316 Ti
<b>Material housing</b>	PBT, PVC
<b>Display flow</b>	LED-Array

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