

## Sensors with integrated amplifier | SNS 450-A4-WR2

- Screw-in sensor for flow monitoring
- Intuitive switching point setting using a potentiometer
- With switching or analogue output
- Flow monitoring in rough and corrosive environments with heightened requirements for the stability and durability of a device
- Plug-in Installation



**M18x1,5 - sensor length 47 mm - 230 VAC - output relay - 2 m PVC cable**

<b>TYPE</b>	SNS 450-A4-WR2
<b>Product ID</b>	P11365
<b>Detection range water</b>	1 ... 150 cm/s
<b>Detection range Oil</b>	3 ... 300 cm/s
<b>Process connection</b>	M18x1,5
<b>Sensor length L</b>	47 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>	35 mA
<b>Switching voltage max.</b>	250 VAC / 60 VDC
<b>Switching current max.</b>	4 A AC / 4 A DC
<b>Switching power max.</b>	1000 VA / 60 W
<b>Reverse polarity protection</b>	✓
<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
<b>Display flow</b>	LED-Array
<b>Protection [EN 60529]</b>	IP 67
<b>Electrical connection</b>	2 m PVC-cable 5x0.5 mm <sup>2</sup>
<b>Accessories</b>	adapter SDA-SCS-G1/4 (Z01200), adapter SDA-SCS-G1/2-37 (Z01208), adapter SDA-SCS-G1/2 (Z01201)
<b>Accessories (in scope of delivery)</b>	2 x gasket G1/2 AFM 34, screwdriver
<b>Note</b>	with longer cable available on request
Technical Image	
Pin Map	