

# Flow rate sensors for inner pipe diameter > 15 mm | SNS 552/3 GAPL

- Flow measurement of waterbased liquids
- Temperature measurement
- Pipe diameter adjustable
- with IO-Link
- Teach-in functions
- Manipulation detection
- Plug-in Installation

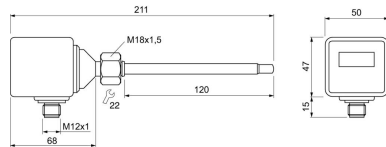


<b>TYPE</b>	SNS 552/3 GAPL
<b>Product ID</b>	P11403
<b>Detection range water</b>	5 ... 300 cm/s
<b>Detection range water l/min, m³/h</b>	depends on pipe diameter (programmable)
<b>Temperature monitoring</b>	0 ... 80 °C
<b>Internal pipe diameter</b>	15 ... 200 mm
<b>Process connection</b>	M18x1,5
<b>Sensor length L</b>	120 mm
<b>Output S1</b>	PNP-NO / NC, NPN-NO / NC, IO-Link, pulse PNP-NO
<b>Output S2</b>	PNP-NO / NC, NPN-NO / NC, analog output 4...20 mA, input for external control signal
<b>Output</b>	IO-Link
<b>Supply voltage</b>	18 ... 30 VDC
<b>Current consumption max.</b>	120 mA
<b>Switching current max.</b>	150 mA
<b>Ambient temperature</b>	-10 ... 60 °C
<b>Medium temperature</b>	0 ... 80 °C
<b>Reaction time typ.</b>	0 ... 0 s
<b>Reaction time</b>	<1 (1 ... 8 s)
<b>Programmable functions</b>	hysteresis, window, fault monitoring, pulse output, customized ID, display configuration, analog output, min-/max-/average-value memory
<b>IO-Link-Specifications</b>	V 1.1, COM2, 3,5 ms, SIO-mode supported

<b>Compressive strength</b>	60 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 316 L
<b>Material housing</b>	stainless steel AISI 316 Ti, PBT
<b>Protection [EN 60529]</b>	IP 67
<b>Electrical connection</b>	M12 connector

**Accessories** IO-Link/USB-Master-Set (Z01216), screw in adapter

Technical Image



Pin Map

