



Compact model | with IO-Link

Flow measurement of waterbased liquids

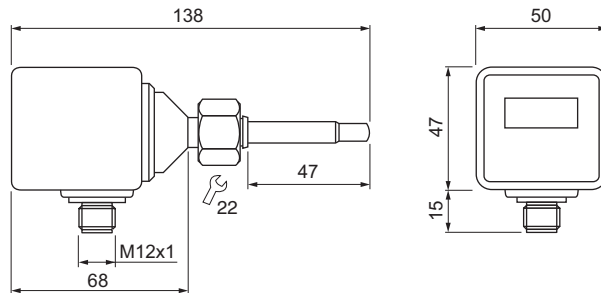
Temperature measurement

Configurable via IO-Link

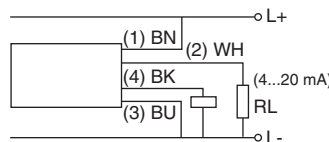


Design SNS 552

Dimensions



Detection range	
Flow water [m/s]	0.05...3.00
[l/min] / [m³/h]	depends on pipe diameter
Temperature [°C]	0.0...80.0
Internal pipe diameter [mm]	15...200
Output S1	PNP-NO/NC, NPN-NO/NC, IO-Link, pulse PNP-NO
Output S2	PNP-NO/NC, NPN-NO/NC, Analog 4...20 mA, input for external control signal
ID-No.	P11389
Type	SNS 552 GAPL
Supply voltage [V]	18...30 DC
Current consumption [mA]	<120
Switching current max. [mA]	≤150 (each output)
Ambient temperature [°C]	-10...+60
Medium temperature [°C]	0...+80
Start-up time [s]	10
Reaction time [s]	<1 (1...8 s)
Programmable functions	Hysteresis function, window function, fault monitoring, pulse output, analog output, Min-/Max-/ average value memory, customized ID, display configuration
IO-Link-Specifications	V1.1, COM2, 3.5 ms, SIO-Mode supported
Compressive strength [bar]	60
Material	housing: PBT, stainless steel sensor: AISI 316 L
Protection [EN 60529]	IP 67
Connection	M12 connector



2 (WH): 4...20 mA / PNP/NPN output / Input
 4 (BK): PNP/NPN output / pulse output / IO-Link
 RL: 200...500 Ohm

figure: PNP output

Accessories	IO-Link-USB-Master-Set V1.1 (Z01216), page 1.113, screw-in adapter
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