

FLOW MEASURING DEVICE

Inline-Compact media adjustment



Series SDN

Flow- and temperature monitoring
For water, glycol
For cooling lubricants

Programmable characteristic curve

Analog output flow
Analog output temperature



Design	SDN 10888	
Dimensions	<p>optional: Mounting plate (Z01178)</p>	
Medium	water / glycol (0, 5, ..., 25, 30%)	
Working range [l/min]	4...40	
Outer diameter pipe [mm]	18	
Pipe connection	tube fittings for steel tubes according to DIN 2391 / ISO 3304	
Output	flow: 4...20 mA, linear	temperature: 4...20 mA, linear
ID-No.	S10888	
Type	SDN 10888	
Load R_L [Ω]	200...500	
Supply voltage [V]	24 DC $\pm 10\%$	
Current consumption [mA]	100	
Ambient temperature [$^{\circ}\text{C}$]	0...+60	
Medium temperature [$^{\circ}\text{C}$]	-10...+90	
Temperature gradient [K/min]	400	
Start-up time [s]	6...10	
Reaction time [s]	1...8	
Programmable functions	glycol percentage, adjustable to reference, averaging, medium adjustment, temperature compensation, access code	
Compressive strength [bar]	20	
Material	housing: PBT sensor: AISI 316 Ti / FKM	
Protection [EN 60529]	IP 65	
Connection	M12 connector	
Accessories		