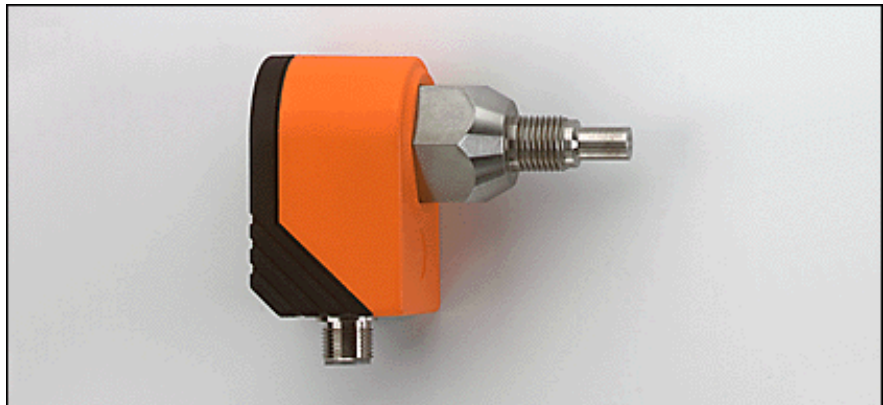




Flow sensors

ST0570

SCN14ABAABKW/24VAC/US
 Flow monitor
 Compact type
 Plug and socket
 Process connection: 1/4" NPT
 Preset switch point



Application	liquids
Electrical design	AC
Output	normally open
Operating voltage [V]	24 AC ± 15% (47...63 Hz) 1)
Current rating [mA]	200
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop [V]	< 2.5
Current consumption [mA]	< 120
Max. temperature gradient of medium [K/min]	15
Pressure rating [bar]	30
Medium temperature [°C]	-20...80
Setting range [cm/s]	3...300*)
Greatest sensitivity [cm/s]	3...60
Adjustment of the switch point	with pot.
Power-on delay time [s]	max. 20
Response time [s]	1...10
Ambient temperature [°C]	-20...60
Protection	IP 67
Housing materials	PBT-GF 20
Materials (wetted parts)	stainless steel (303S22)
Function display LED	11 LED
Connection	M12 connector
Remarks	1) to EN50178, SELV, PELV; referring to UL: "limited voltage" with overcurrent protection in accordance with UL508 *) set to 20 cm/s (in water / 25 °C) at the factory

Wiring

