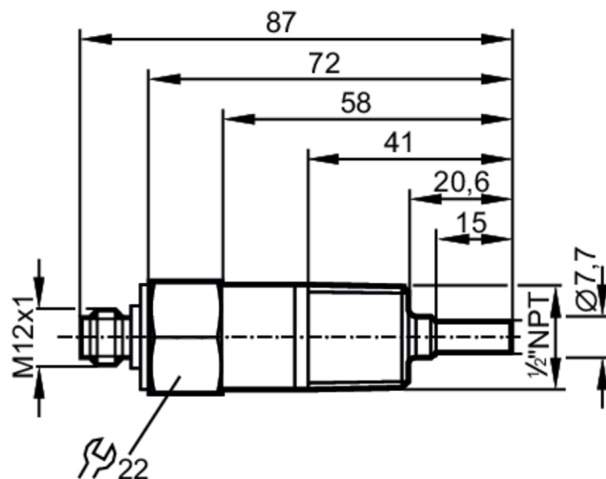




Flow monitor

SCN12FFBBBOA



Product characteristics

Number of inputs and outputs	Number of digital outputs: 1
Process connection	1/2" NPT

Application

Media	water
Medium temperature [°C]	-10...60; (In case of medium temperatures <4 °C the data refer to water / glycol (40% glycol).)
Pressure rating [bar]	25
MAWP (for applications according to CRN) [bar]	25

Electrical data

Operating voltage tolerance [%]	-15...15
Operating voltage [V]	< 24 AC / 24 DC; (to SELV/PELV)
Current consumption [mA]	< 50
Protection class	III
Reverse polarity protection	yes
Power-on delay time [s]	15

Inputs / outputs

Number of inputs and outputs	Number of digital outputs: 1
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Outputs

Total number of outputs	1
Output signal	switching signal
Electrical design	PNP
Number of digital outputs	1
Output function	normally open
Max. voltage drop switching output DC [V]	0.8
Permanent current rating of switching output DC [mA]	80



Flow monitor

SCN12FFBBBOA

Short-circuit protection	no
Overload protection	no

Measuring/setting range

Note on factory setting	for water (20 °C) and mounting in 4" pipe	
Set point SP [cm/s]	15	
Note on switch point	fixed	
Adjustable switch point	no	

Response times

Response time [s]	1...10
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Operating conditions

Ambient temperature [°C]	-20...70
Storage temperature [°C]	-40...70
Protection	IP 67

Tests / approvals

EMC	DIN EN 61000-6-2	
	DIN EN 61000-6-3	
Shock resistance	DIN EN 60068-2-27	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	20 g (10...2000 Hz)

Mechanical data

Weight [g]	125.75
Materials	stainless steel (316L/1.4404)
Materials (wetted parts)	stainless steel (316L/1.4404)
Process connection	1/2" NPT

Electrical connection

Required protection	miniature fuse to IEC60127-2 sheet 1; ≤ 2 A; fast acting
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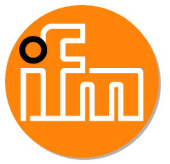
Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A; Maximum cable length: 10 m

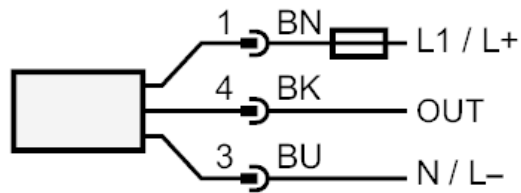




Flow monitor

SCN12FFBBBOA

Connection



OUT: switching output
Note miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting
colours to DIN EN 60947-5-2
Core colours :
BK = black
BN = brown
BU = blue