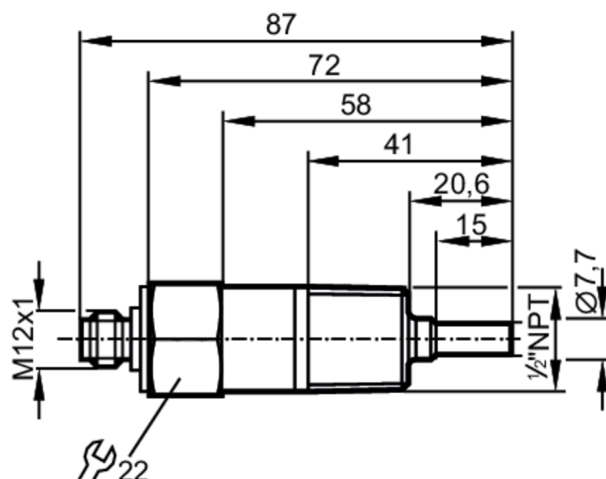


SC050R



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

Electrical data

Operating voltage tolerance [%]	-15...15
Operating voltage [V]	< 24 AC / 24 DC
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
------------------------------	------------------------------

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
Short-circuit protection	no
Overload protection	no

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Flow monitor

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Measuring/setting range		
Werkseinstellung Wert	[cm/s]	15
Note on factory setting		for water (20 °C) and mounting in 4" pipe
Adjustable switch point		yes
In steps of	[cm/s]	5
Response times		
Response time	[s]	1...10
Software / programming		
Parameter setting options		Switch point can be set via programming wire
Operating conditions		
Ambient temperature	[°C]	-20...70
Storage temperature	[°C]	-40...70
Protection		IP 67
Tests / approvals		
Shock resistance	DIN IEC 68-2-27	50 g (11 ms)
Vibration resistance	DIN IEC 68-2-6	20 g (10...2000 Hz)
MTTF	[years]	215
Mechanical data		
Weight	[g]	123.8
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
Remarks		
Pack quantity		1 pcs.

Electrical connection

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



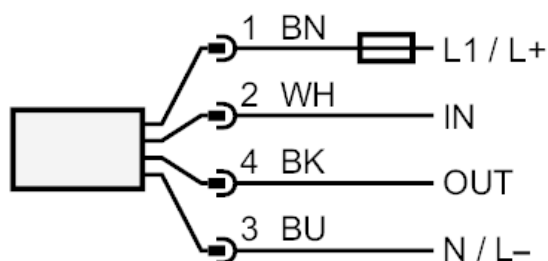
SC050R



Flow monitor

SCN12FFBBBOA

Connection



IN: programming input

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
WH = white