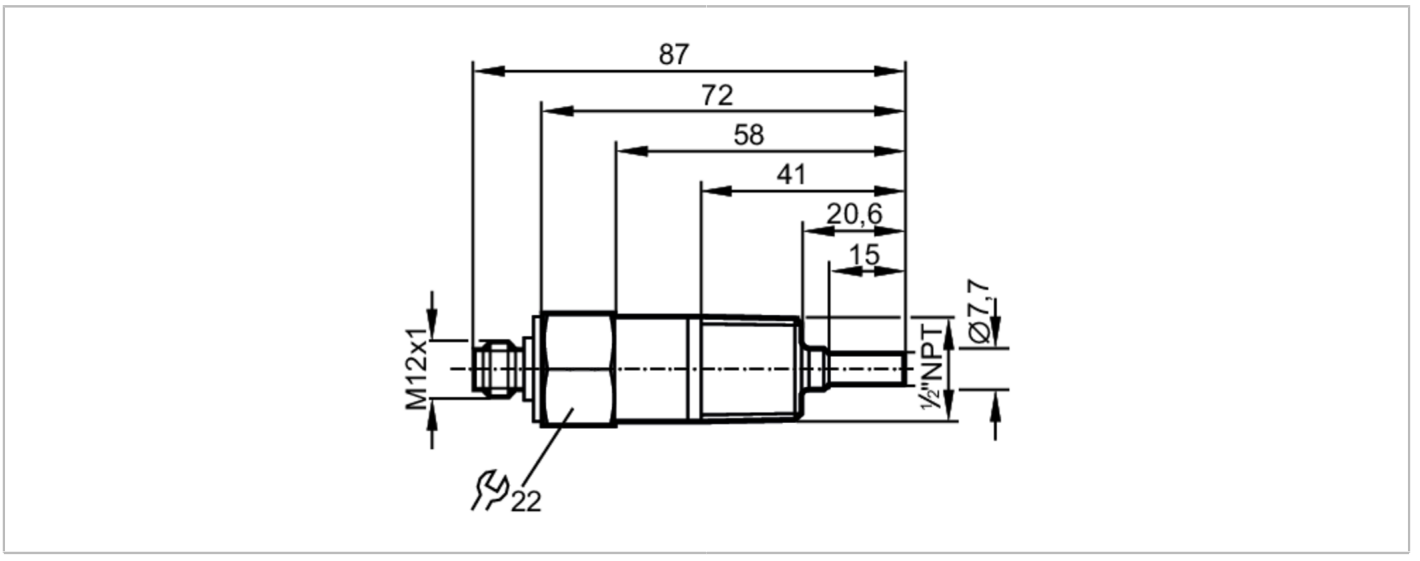
SC0501

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
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

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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	
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 (1.4404 / 316L)	
Materials (wetted parts)		stainless steel (1.4404 / 316L)	
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

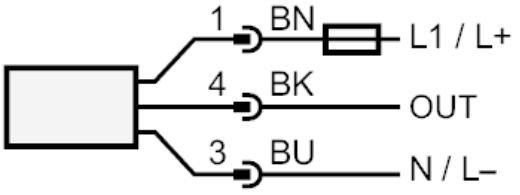


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Connection



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