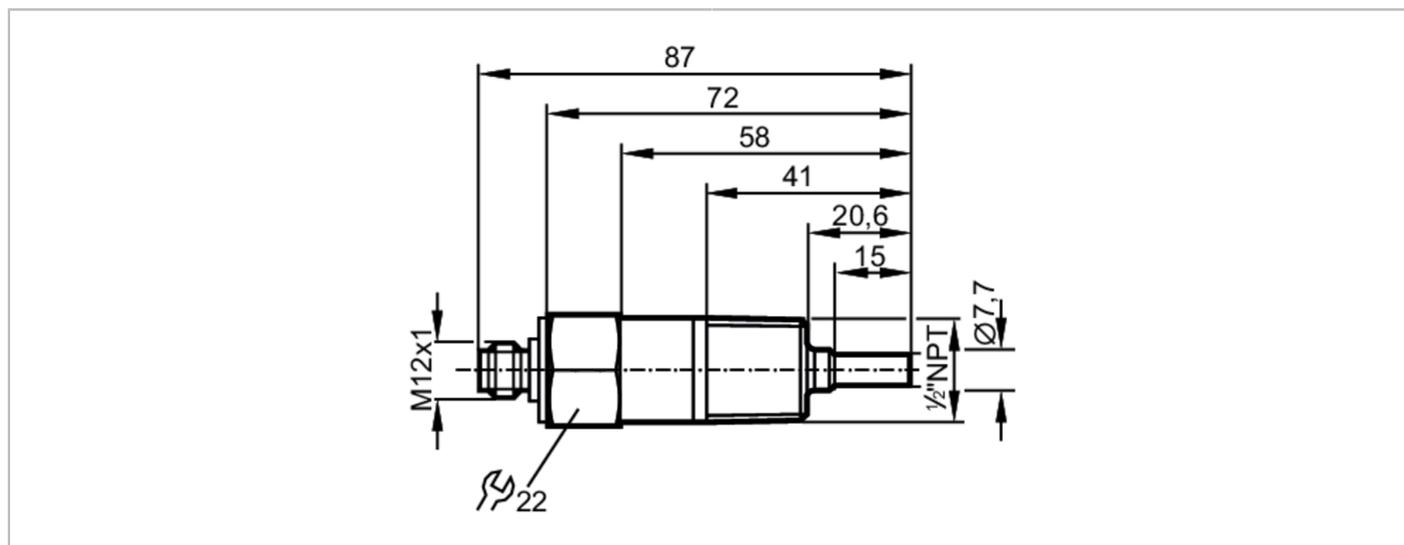


# SC0512



## Flow monitor

SCN12FFB BKOG



Product characteristics		
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 DC
Current consumption	[mA]	< 50
Protection class		III
Power-on delay time	[s]	15
Outputs		
Output signal		frequency signal
Electrical design		PNP
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
Measuring/setting range		
Note on measuring range		for water (20 °C) and mounting in 2" pipe
Frequency end point, FEP	[cm/s]	5...70
Frequency at the end point FRP	[Hz]	5...70
Response times		
Response time	[s]	1...10

# SC0512



## Flow monitor

SCN12FFBKBKOG

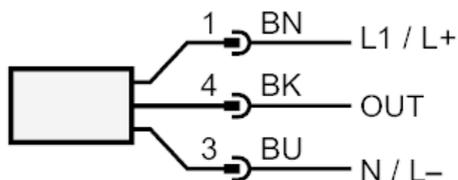
Operating conditions		
Ambient temperature	[°C]	-20...70
Storage temperature	[°C]	-40...70
Protection		IP 67
Tests / approvals		
Shock resistance	DIN EN 60068-2-27	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	20 g (10...2000 Hz)
MTTF	[years]	524
Mechanical data		
Weight	[g]	124.5
Materials		stainless steel (316L/1.4404)
Materials (wetted parts)		stainless steel (316L/1.4404)
Process connection		1/2" NPT
Remarks		
Pack quantity		1 pcs.

### Electrical connection

Connector: 1 x M12; coding: A



### Connection



OUT: frequency output  
colours to DIN EN 60947-5-2  
Core colours :  
BK = black  
BN = brown  
BU = blue