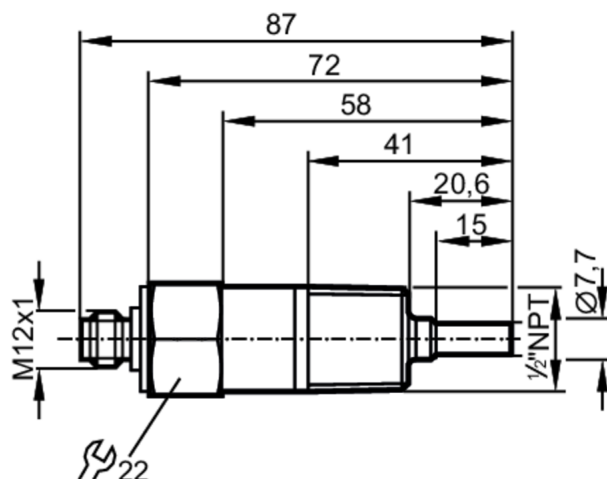




Flow monitor

SCN12FFBBKOG



Product characteristics

Process connection	1/2" NPT
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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
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Flow monitor

SCN12FFBKBKG

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

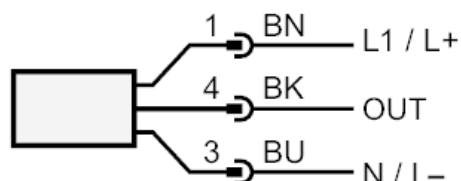
Pack quantity		1 pcs.
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Electrical connection

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