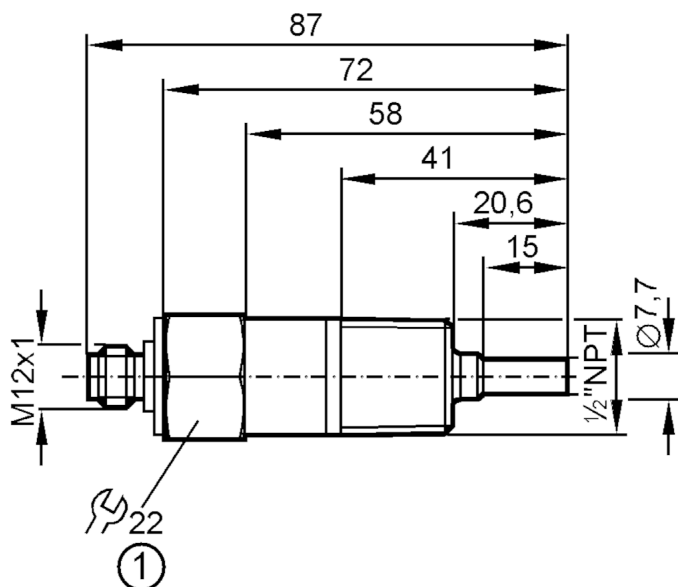




Flow monitor

SCN12XFBABOA



1 Tightening torque < 100 Nm with stainless steel adapter / ANSI B1.20.1



Application		
Media		air
Medium temperature	[°C]	30...60
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
Outputs		
Total number of outputs		1
Output signal		switching signal
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]	65
Contact rating		30 V AC / 42 V DC
Short-circuit protection		no
Overload protection		no



Flow monitor

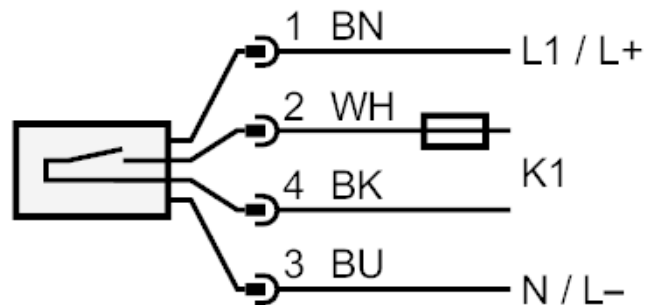
SCN12XFBABOA

Measuring/setting range		
Note on switch point		fixed
Adjustable switch point		no
Operating conditions		
Ambient temperature	[°C]	10...60
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)
Mechanical data		
Weight	[g]	117.5
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; Maximum cable length: 10 m		
		

Flow monitor

SCN12XFBABOA

Connection



K1: relay
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