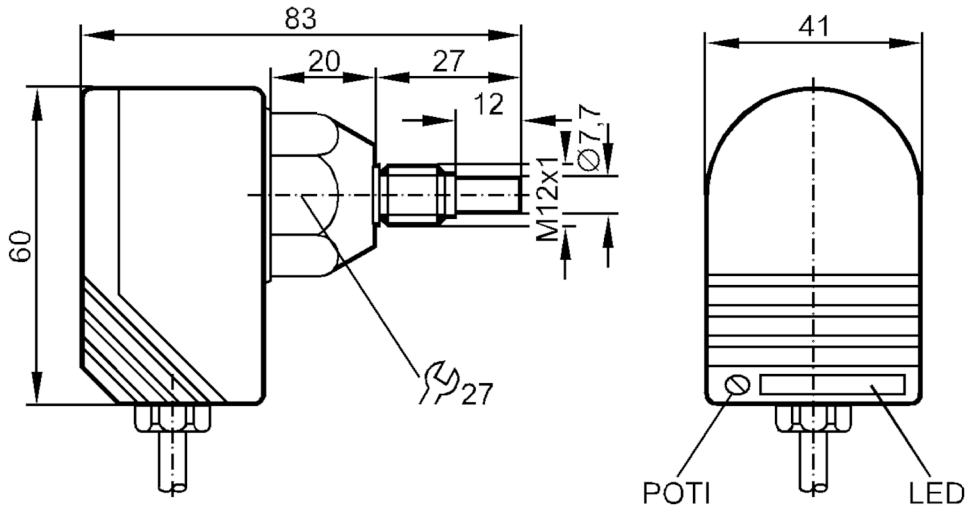
ST1600

Flow monitor

SCM12ABAFPKG/PH

Article no longer available - archive entry

Alternative articles: SI5000 + E40101
When selecting an alternative article and accessories please note that technical data may differ!



CE

Product characteristics		
Number of inputs and outputs		Number of digital outputs: 1
Process connection		M12 x 1
Application		
Media		Liquids
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	30
Electrical data		
Operating voltage	[V]	20...36 DC
Current consumption	[mA]	< 45
Reverse polarity protection		yes
Power-on delay time	[s]	< 20
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

ST1600

Flow monitor

SCM12ABAFPKG/PH

Output function			normally open / normally closed; (parameterisable)
Max. voltage drop switching output DC	[V]		2.5
Permanent current rating of switching output DC	[mA]		400
Short-circuit protection			yes
Type of short-circuit protection			pulsed
Overload protection			yes
Measuring/setting range			
Setting range	[cm/s]		3...300
Greatest sensitivity	[cm/s]		3...60
Accuracy / deviations			
Temperature gradient	[K/min]		15
Response times			
Response time	[s]		1...10
Software / programming			
Adjustment of the switch point			potentiometer
Operating conditions			
Ambient temperature	[°C]		-20...80
Protection			IP 67
Mechanical data			
Dimensions	[mm]		M12 x 1
Thread designation			M12 x 1
Materials			PBT-GF20
Materials (wetted parts)			stainless steel (303/1.4305)
Process connection			M12 x 1
Displays / operating elements			
Display		function	11 x LED
Accessories			
Items supplied			sealings: 2 x AMF 30
			screwdrivers
Remarks			
Pack quantity			1 pcs.

ST1600

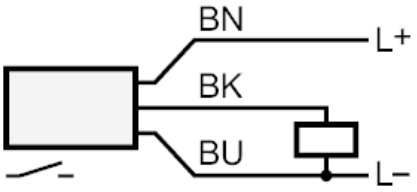
Flow monitor

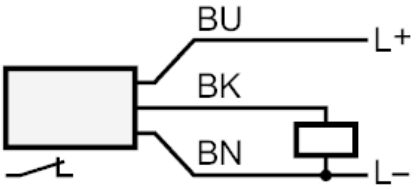
SCM12ABAFPKG/PH

Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm², PVC

Connection





	Core colours :
BN =	brown
BU =	blue
BK =	black