ST1601

Flow monitor

SCM12ABAFPKG/6M/PH

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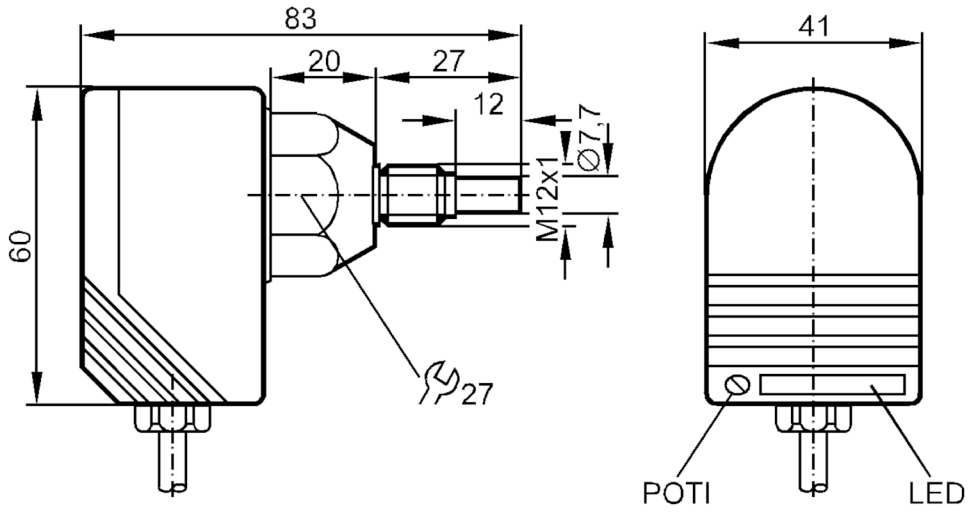

CE

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
Output function		normally open / normally closed; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5

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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 (1.4305 / 303)	
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.	

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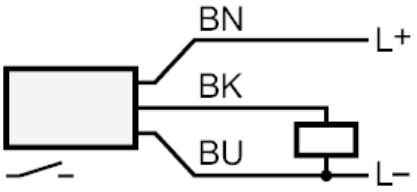
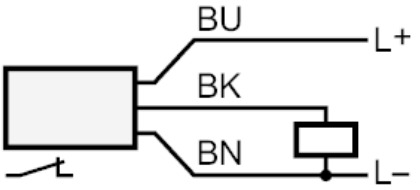
Electrical connection

Cable: 6 m, PUR / PVC; 3 x 0.5 mm²

Connection





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