

ST1600

Flow monitor

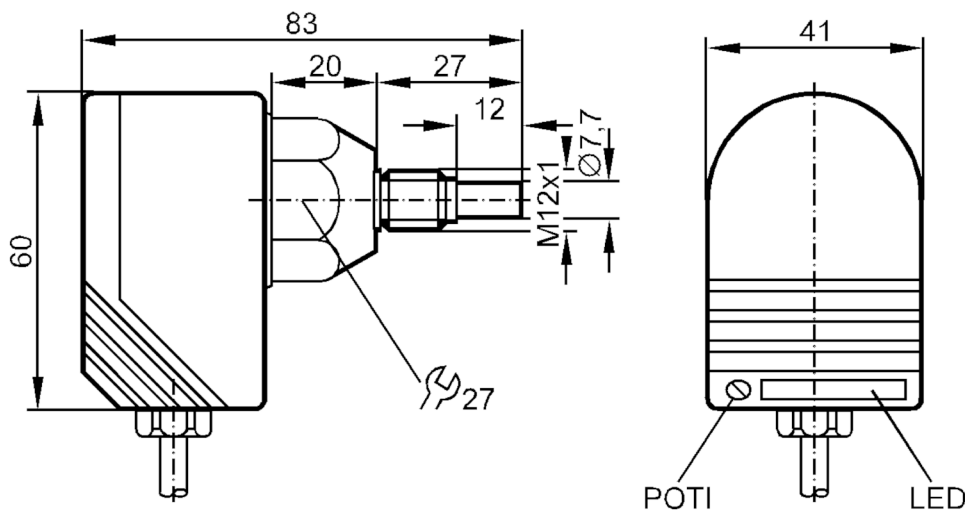
SCM12ABAFPKG/PH



Article no longer available - archive entry

Alternative articles: SI5000 + E40101

When selecting an alternative article and accessories please note that technical data may differ!



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

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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 (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: 2 m, PUR; 3 x 0.5 mm², PVC

Connection



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