

ST1610

Flow monitor

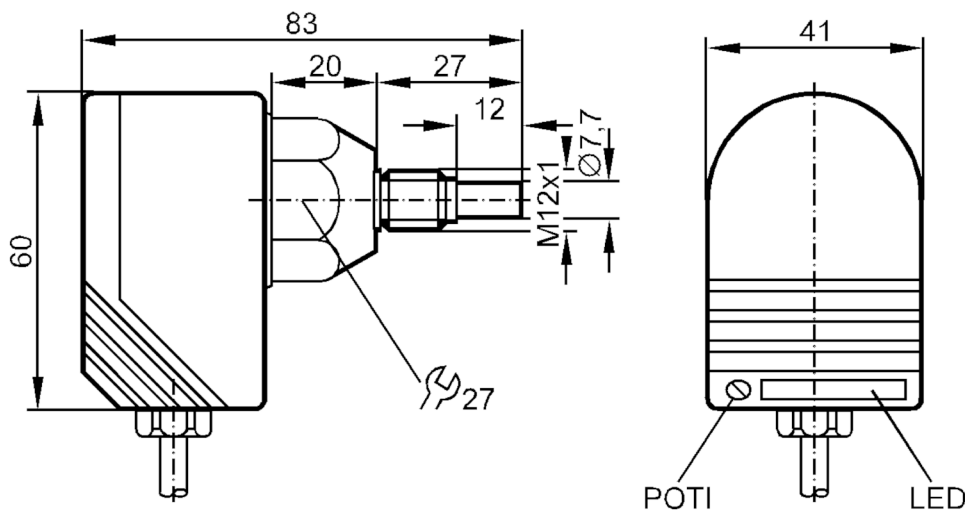
SCM12ABAFNKG/PH



Article no longer available - archive entry

Alternative articles: SI5001 + 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
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Outputs

Total number of outputs	1
Output signal	switching signal
Electrical design	NPN
Number of digital outputs	1

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Output function	normally open / closed; (configurable)	
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	yes (non-latching)	
Overload protection	yes	
Measuring/setting range		
Setting range [cm/s]	3...300	
Greatest sensitivity [cm/s]	3...60	
Accuracy / deviations		
Max. temperature gradient of medium [K/min]	15	
Reaction 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	
Material	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 colors :
BU =	brown
BK =	blue
	black