ST0530

Flow monitor

SCM12ABHFPKG/PH

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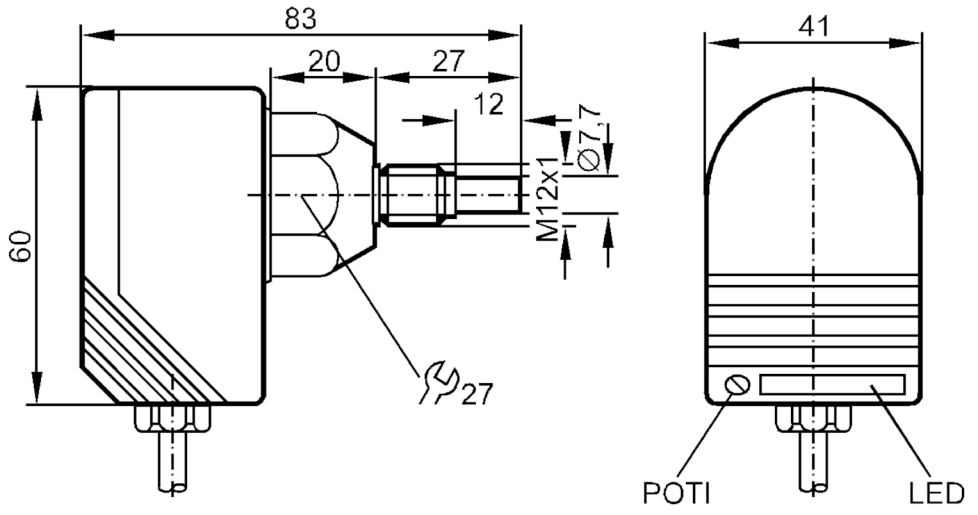

CE

Product characteristics		
Number of inputs and outputs		Number of digital outputs: 1
Process connection		M12 x 1
Application		
Media		aggressive media
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)			Hastelloy C-4 (2.4610)
Process connection			M12 x 1
Displays / operating elements			
Display		function	11 x LED
Remarks			
Pack quantity			1 pcs.

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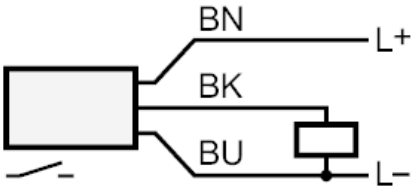
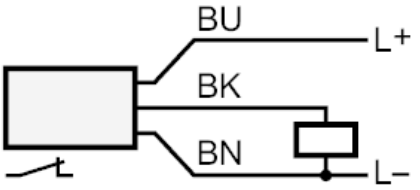
Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm²

Connection





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