

Flow monitor

SCM12ABAFNKG/US-100-INF

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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

ST1614



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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 (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.

Electrical connection

Connector: 1 x M12; coding: A



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Connection

