

ST1609



Flow monitor

SCM12ABBFPKG/US-100-IPF

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
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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 / 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
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Reaction times

Response time [s]	1...10
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Software / programming

Adjustment of the switch point	potentiometer
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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 (1.4571/316Ti)
Process connection	M12 x 1

Displays / operating elements

Display	Function	11 x LED
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Accessories

Items supplied	sealings: 2 x AMF 30 screwdrivers
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



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Connection

