

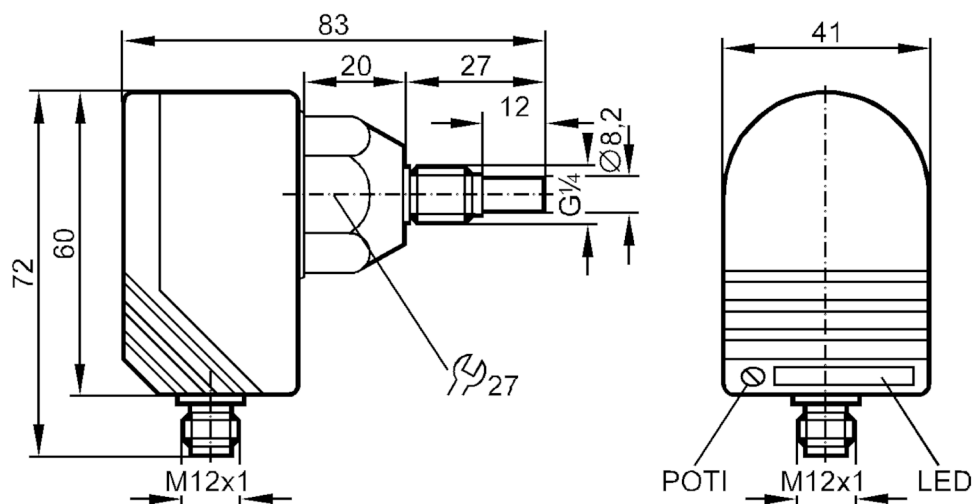
Flow monitor

SCR14ADBFPKG/US-100-IPF

Article no longer available - archive entry

Alternative articles: SI5010 + E40099

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	G 1/4 external thread

Application

Application	high pressure
Media	Liquids
Medium temperature [°C]	10...50
Pressure rating [bar]	300

Liquids

Application	high pressure
Medium temperature [°C]	10...50

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
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Flow monitor

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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
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

Liquids	
Setting range [cm/s]	100...500

Accuracy / deviations

Temperature gradient [K/min]	1
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Response times

Response time [s]	1...2
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Liquids	
Response time [s]	1...2

Software / programming

Adjustment of the switch point	potentiometer
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Operating conditions

Ambient temperature [°C]	10...50
Protection	IP 67

Mechanical data

Materials	PBT-GF20
Materials (wetted parts)	stainless steel (316Ti/1.4571)
Process connection	G 1/4 external thread

Displays / operating elements

Display	function	11 x LED
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



ST0566



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Connection

