

ST0510

Flow monitor

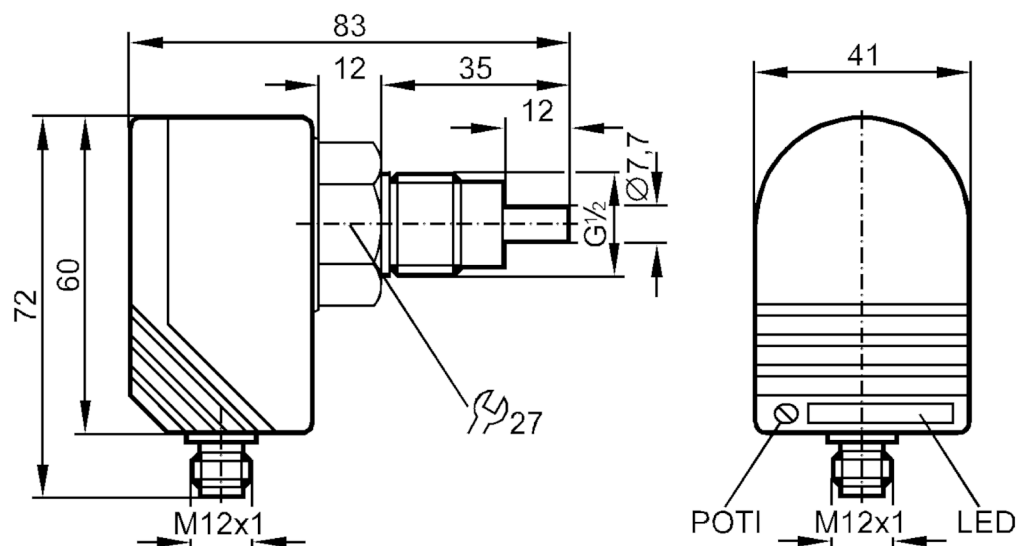
SCR12ABAFPKG/US-100/48VDC



Article no longer available - archive entry

Alternative articles: SI0555

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 1/2 external thread

Application

Media	Liquids
Medium temperature [°C]	-25...80
Pressure rating [bar]	30

Electrical data

Operating voltage tolerance [%]	> -10
Operating voltage [V]	48 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

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Number of digital outputs	1
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

Material	PBT-GF20
Materials (wetted parts)	stainless steel (1.4305 / 303)
Process connection	G 1/2 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



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Connection

