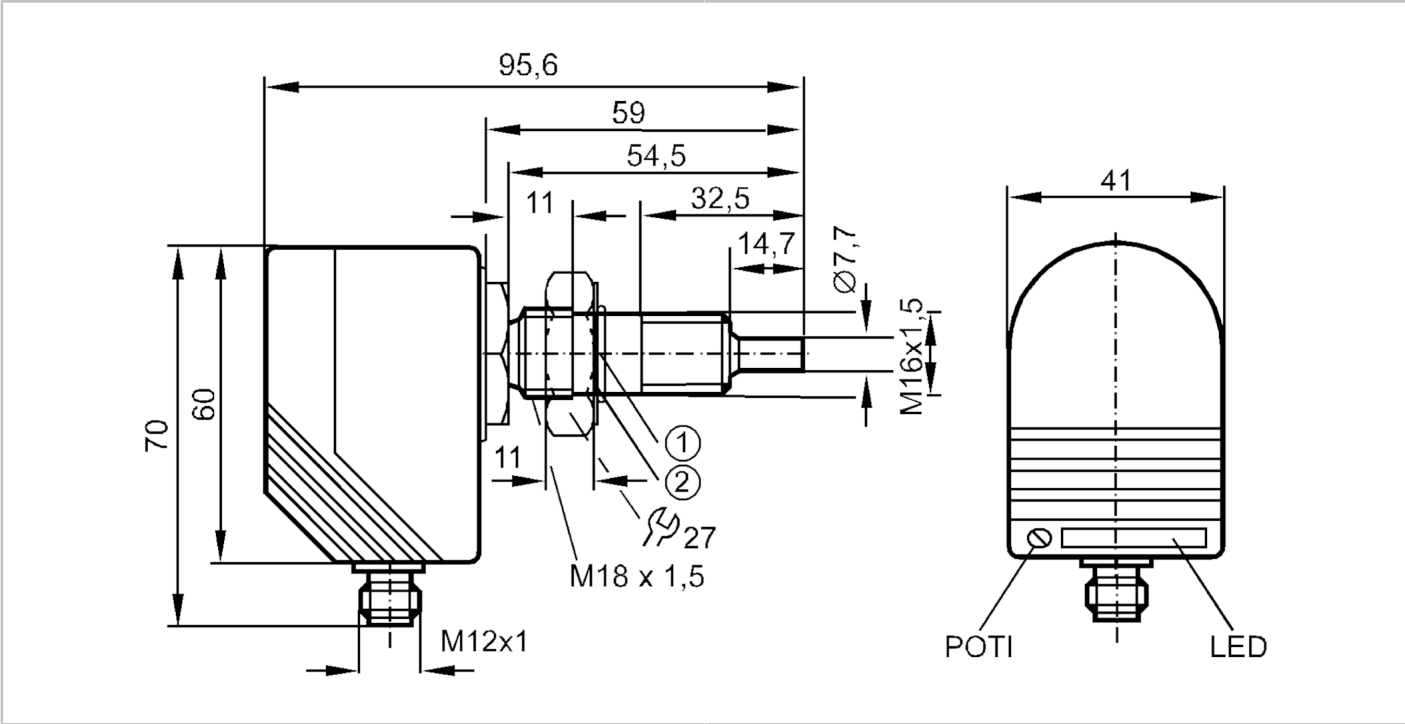




Flow monitor

SCM16ABAFPKG/US

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Product characteristics		
Number of inputs and outputs	Number of digital outputs: 1	
Process connection	M16 x 1,5	
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	
Outputs		
Total number of outputs	1	
Output signal	switching signal	
Electrical design	PNP	
Number of digital outputs	1	
Output function	normally open / closed; (configurable)	
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	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]	M16 x 1.5
Thread designation	M16 x 1.5
Material	PBT-GF20
Materials (wetted parts)	stainless steel (1.4571/316Ti)
Process connection	M16 x 1,5

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

