

Display/Operation

Display	LED green (4x): Limit exceeded LED yellow: Limit reached LED red: Limit undershoot
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Electrical connection

Connection	Connector, M12x1 connector, 4-pin
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Current draw max.	70 mA
Operating voltage U_b	20...28 VDC
Ready delay t_v max.	15 s
Switching current	400 mA
Switching cycles min.	100 million

Environmental conditions

Ambient temperature	-20...80 °C
Media temperature	-20...80 °C
Protection degree	IP67
Storage temperature	-20...80 °C

Functional safety

MTTF (40 °C)	402 a
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General data

Approval/Conformity	CE cULus
Operating panel	Potentiometer screw
Principle of operation	Flow sensor, calorimetric

Material

Gasket, material	AFM 34
Housing material	Stainless steel (1.4571) Stainless steel (1.4305)
Process connection material	Stainless steel (1.4571)

Mechanical data

Installation length from contact surface	31 mm
Pressure rating max.	100 bar
Probe diameter	7.3 mm
Process connection	G 1/2" outer

Output/Interface

Switching output	PNP
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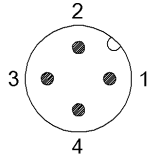
Range/Distance

Response time max.	13 s
Working range	1...150 cm/s aqueous media 3...300 cm/s oil

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector view



Wiring Diagram

