

Basic features

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

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-Male, 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 mil.

Environmental conditions

Ambient temperature	-20...80 °C
IP rating	IP67
Media temperature	-20...80 °C
Storage temperature	-20...80 °C

Functional safety

MTTF (40 °C)	402 a
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Interface

Switching output	PNP
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Material

Housing material	1.4571 stainless steel 1.4305 stainless steel
Process connection material	1.4571 stainless steel

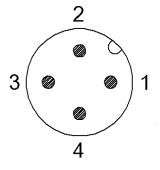
Mechanical data

Installation length from contact surface	40 mm
Pressure rating max.	100 bar
Probe diameter	7.3 mm
Process connection	NPT 1/2" outer

Range/Distance

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

Connector Drawings



Wiring Diagrams

