

Electrical connection

Connection	Connector, M12x1 connector, 4-pin
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Electrical data

Ready delay tv max.	15 s
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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)	1074 a
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General data

Approval/Conformity	CE
Principle of operation	Flow sensor, calorimetric

Material

Housing material	Stainless steel (1.4571)
Process connection material	Stainless steel (1.4571)

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

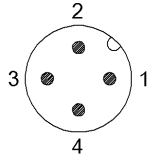
Remarks

Required accessories: Signal converter BAE00ZZ

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

