

Flow transmitter SFTE-

Part number: 8035301

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Approval	RCM
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
KC mark	KC-EMV
Note on materials	RoHS compliant
Measured variable	Mass flow rate Volumetric flow rate
Flow direction	Unidirectional
Measuring principle	thermal
Measurement method	Heat loss
Start value for flow rate sensing range	0 l/min
End value for flow rate sensing range	1 l/min ... 10 l/min
Operating pressure	-0.9 bar ... 10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [6:4:4] Nitrogen
Media temperature	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Nominal temperature	23 °C
Repetition accuracy in ± %FS	1 %FS
Analogue output	0 - 10 V 1 - 5 V
Rise time	3 ms
Min. load resistance voltage output	20 kOhm
Short circuit current rating	Yes
Overload protection	Available
Operational voltage range DC	22 V ... 26 V
No-load supply current	≤17 mA
Reverse polarity protection	For all electrical connections
Electrical connection 1, connection type	Cable Cable with plug
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104 Open end
Electrical connection 1, number of connections/cores	3
Electrical connection 1, connection pattern	00991155
Cable length	0.3 m ... 2.5 m

Feature	Value
Material cable sheath	TPE-U(PUR)
Type of mounting	With through-hole With accessories
Mounting position	Any
Pneumatic connection	Female thread M5 For push-in connector outside diameter of 3 mm For push-in connector O.D. 4 mm
Product weight	17 g ... 40 g
Material housing	Reinforced PA
Degree of protection	IP40
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1