

Flow transmitter SFTE-

Part number: 8035301

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC characters	KC EMC
Note on materials	RoHS-compliant
Measured variable	Mass flow rate Volumetric flow rate
Flow direction	Unidirectional
Measuring principle	Thermal
Method of measurement	Heat loss
Flow rate detection range, start value	0 l/min
Flow rate detection range, end value	1 l/min ... 10 l/min
Operating pressure	-0.9 bar ... 10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [6:4:4] Nitrogen
Temperature of medium	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Nominal temperature	23 °C
Repetition accuracy in ± %FS	1 %FS
Analog output	0 - 10 V 1 - 5 V
Rise time	3 ms
Min. load resistance of voltage output	20 kOhm
Short-circuit protection	yes
Overload protection	Available
DC operating voltage range	22 V ... 26 V
Idle current	≤17 mA
Reverse polarity protection	for all electrical connections
Electrical connection 1, connection type	Cable Cable with plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104 Open end
Electrical connection 1, number of pins/wires	3
Electrical connection for input 1, connection pattern	00991155
Cable length	0.3 m ... 2.5 m

Feature	Value
Material of cable sheath	TPE-U(PUR)
Type of mounting	With through-hole With accessories
Mounting position	Any
Pneumatic connection	Internal thread M5 For plug connection outside diameter 3 mm For plug connection outside diameter 4 mm
Product weight	17 g ... 40 g
Housing material	PA-reinforced
Degree of protection	IP40
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Class 4 according to ISO 14644-1