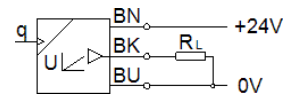
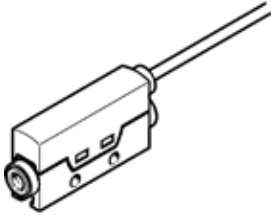


# flow transmitter

## SFTE-1U-M5F-B-2.5K

Part number: 8058510

FESTO



## Data sheet

Feature	Value
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
KC mark	KC-EMV
Materials note	Conforms to RoHS
Measured variable	Mass flow rate Volumetric flow rate
Direction of flow	Unidirectional
Measuring principle	Thermal
Measurement method	Heat Loss
Flow rate detection range, start value	0 l/min
Flow rate detection range, end value	1 l/min
Operating pressure	-0.9 ... 10 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [6:4:4] Nitrogen
Medium temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Nominal temperature	23 °C
Repetition accuracy in ± %FS	1 %FS
Analogue output	1 - 5 V
Rise time	3 ms
Min. load resistance, voltage output	20 kOhm
Short circuit strength	Yes
Overload withstand capability	Available
Operating voltage range DC	22 ... 26 V
Idle current	≤ 17 mA
Polarity protected	for all electrical connections
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Mounting type	Line installation with through hole with accessories
Assembly position	Any
Pneumatic connection	Female thread M5
Product weight	37 g
Material housing	PA-reinforced
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress