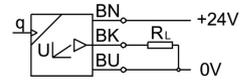


# Flow transmitter SFTE-10U-M5F-B-2.5K

Part number: 8058514

FESTO



## Data sheet

Feature	Value
Measured variable	Mass flow rate Volumetric flow rate
Electrical connection 1, connection technology	Open end
Analog output	1 - 5 V
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
Certification	RCM compliance mark
Note on materials	RoHS-compliant
Reverse polarity protection	for all electrical connections
Flow direction	Unidirectional
Type code	SFTE
Measuring principle	Thermal
Method of measurement	Heat loss
Short-circuit protection	yes
Housing material	PA-reinforced
Mounting position	Any
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
KC characters	KC EMC
Degree of protection	IP40
Overload protection	Available
Material of cable sheath	TPE-U(PUR)
Symbol	00991853
Electrical connection 1, connection type	Cable
Operating medium	Compressed air as per ISO 8573-1:2010 [6:4:4] Nitrogen
Type of mounting	Line installation With through-hole With accessories
Pneumatic connection	Internal thread M5
Nominal temperature	23 °C
Repetition accuracy in ± %FS	1 %FS
Min. load resistance of voltage output	20 kOhm
Electrical connection 1, number of pins/wires	3
Rise time	3 ms
Flow rate detection range, start value	0 l/min
Cable length	2.5 m
Idle current	≤17 mA

<b>Feature</b>	<b>Value</b>
Operating pressure	-0.9 bar ... 10 bar
Ambient temperature	0 °C ... 50 °C
DC operating voltage range	22 V ... 26 V
Temperature of medium	0 °C ... 50 °C
Product weight	37 g
Flow rate detection range, end value	10 l/min