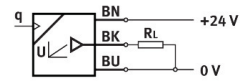
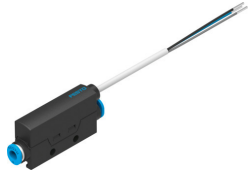



# Flow transmitter SFTE-5U-Q4-B-2.5K

Part number: 8058513

**FESTO**



 General operating condition

## Data sheet

| Feature  | Value   |
|--|---|
| Symbol   | 00991853  |
| Approval   | RCM trademark   |
| CE mark (see declaration of conformity)              | To EU EMC Directive<br>In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity)         | To UK instructions for EMC<br>To UK RoHS instructions       |
| KC mark  | KC-EMV  |
| Note on materials                                    | RoHS-compliant  |
| Measured variable                                    | Mass flow rate<br>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                | 5 l/min   |
| Operating pressure                                   | -0.9 bar ... 10 bar   |
| Operating medium                                     | Compressed air to ISO 8573-1:2010 [6:4:4]<br>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                                      | 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   |
| Electrical connection 1, connector system            | Open end  |
| Electrical connection 1, number of connections/cores | 3   |
| Cable length   | 2.5 m   |
| Material cable sheath                                | TPE-U(PUR)  |

| Feature                        | Value   |
|--------------------------------|---|
| Type of mounting               | In-line installation<br>With through-hole<br>With accessories |
| Mounting position              | optional  |
| Pneumatic connection           | For push-in connector O.D. 4 mm                               |
| Product weight                 | 40 g  |
| Material housing               | 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                              |