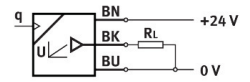
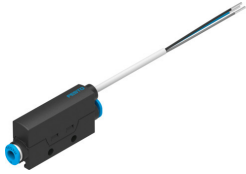


Flow transmitter

SFTE-10U-Q4-B-2.5K

Part number: 8058515

FESTO



Data sheet

| 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 | 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 | 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 |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, number of pins/wires | 3 |

| Feature | Value |
|----------------------------------|--|
| Cable length | 2.5 m |
| Material of cable sheath | TPE-U(PUR) |
| Type of mounting | Line installation With through-hole With accessories |
| Mounting position | Any |
| Pneumatic connection | For plug connection outside diameter 4 mm |
| Product weight | 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 |