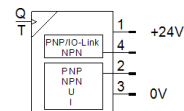
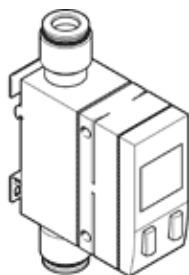


流量感測器

SFAB-200U-WQ10-PNLK-PNVBA-M12

料號: 8162831

FESTO



技術參數

| 特性 | 值 |
|---|---|
| 授權 | RCM Mark |
| CE 符號 (參見符合的標準) | 根據 EU-EMV 指導原則 in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| 材料備註 | 符合 RoHS |
| 測量變量 | Mass flow rate Temperature Volume Volumetric flow rate |
| 流量方向 | 具有單向性 P1 -> P2 |
| 測量原則 | 熱量的 |
| 測量方式 | Heat Loss |
| 流量測量範圍初始值 | 2 l/min |
| 流量測量範圍最終值 | 200 l/min |
| Temperature measuring range starting value | 0 °C |
| Temperature measuring range end value | 50 °C |
| Operating pressure MPa | 0 ... 1 MPa |
| 操作壓力 | 0 ... 10 bar |
| 操作介質 | Argon 壓縮空氣符合 ISO8573-1:2010 [7:4:4] Carbon dioxide 氮 |
| 介質溫度 | 0 ... 50 °C |
| 環境溫度 | 0 ... 50 °C |
| 額定溫度 | 23 °C |
| 流量精度 | ± (3% o.m.v. + 0,3% FS) |
| Accuracy of temperature in ± °C | 5 °C |
| 重複精度零點在 ± %FS | 0.2 %FS |
| 重複精度限度在 ± %FS | 0.8 %FS |
| 溫度係數幅度在 ± %FS/K | typ. 0,1%FS/K |
| 壓力依賴幅度 ± %FS/bar | 0.5 %FS/b. |
| 開關輸出 | 2 x PNP 或 2 x NPN 可切換 |
| 切換功能 | 視窗比較器 閾值比較器 |
| 切換元件功能 | N/C 或 N/O 接點, 可切換 |
| 開啟時間 | 10 ms |
| 關閉時間 | 10 ms |
| 最大輸出電流 | 100 mA |
| 類比輸出 | 0 - 10 V 4 - 20 mA 1 - 5 V |
| 流量初始值的特性曲線 | 0 l/min |
| 流量最終值的特性曲線 | 200 l/min |
| Temperature characteristic curve starting value | 0 °C |

| 特性 | 值 |
|--|---|
| Temperature characteristic curve end value | 100 °C |
| 輸出特性曲線初始值 | 0 V |
| 輸出特性曲線最終值 | 10 V |
| 輸出特性曲線初始值 | 4 mA |
| 輸出特性曲線最終值 | 20 mA |
| 最大負載電阻, 電流輸出 | 500 Ohm |
| 最小負載電阻, 電壓輸出 | 20 kOhm |
| 短路強度 | 是 |
| 過載承受能力 | 已可供應 |
| 通訊協定 | IO-Link |
| IO-Link®, revision ID | V1.1 |
| IO-Link®, device profile | Identification and diagnostics F. Extended identification F. Measurement data, standard F. Multiple switching signal Firmware Update Function Locator Function Teach single value Function Product URI Smart Sensor - SSP 4.1.2 |
| IO-Link®, transmission rate | COM3 |
| IO-Link, SIO mode support | 是 |
| IO-Link®, port type | Class A |
| IO-Link®, process data length output | 0 Bit |
| IO-Link®, process data length input | 64 Bit |
| IO-Link, process data content IN | Flow rate measured value 16-bit MDC Flow rate monitoring 2-bit SSC Temperature measured value 16-bit MDC Temperature monitoring 2-bit SSC Volume/mass pulse 1-bit SSC |
| IO-Link, Service data contents IN | Volume/mass measured value 32-bit MDC |
| IO-Link®, minimum cycle time | 1.2 ms |
| IO-Link, data memory required | 0.5 Kilobyte |
| 工作電壓範圍 DC | 15 ... 30 V |
| 無效電流 | 90 mA |
| 極性保護 | 用於所有電接口 |
| Electrical connection 1, connection type | 插頭 |
| Electrical connection 1, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 5 |
| 安裝類型 | 具通孔 具頂部導軌 具牆面/表面固定 |
| 裝配位置 | 任何 |
| 氣壓連接 | For tubing outside diameter 10 mm |
| 產品重量 | 160 g |
| Material housing | PA-加強 |
| 顯示類型 | 發光 LCD, 多種顏色 |
| 可以被顯示的單元 | g g/min l l/min m3 m3/h scf scfm |
| 設定選項 | IO-Link Teach-In 通過顯示裝置和按鈕 |
| 防止誤操作 | IO-Link PIN-Code |
| 防護等級 | IP65 |

| 特性 | 値 |
|-----------------|-------------------------------|
| 壓降 | < 100 mbar |
| 安全等級 | III |
| 耐腐蝕等級 CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |