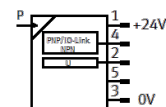
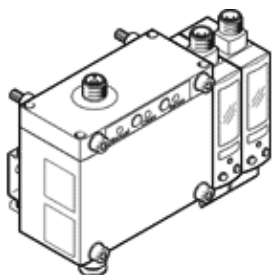


# 氣隙感測器

## SOPA-CM2H-R1-HQ6-PNLK-VB-M12

料號: 8093820

FESTO



### 技術參數

| 特性   | 值  |
|--|--|
| 授權   | RCM Mark<br>c UL us - Recognized (OL)  |
| CE 符號 (參見符合的標準)                              | 根據 EU-EMV 指導原則<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   |
| 材料備註   | 符合 RoHS  |
| Detected variable                            | Distance   |
| 測量原則   | 氣壓   |
| 感測範圍   | 20 ... 200 µm  |
| 操作壓力   | 4 ... 7 bar  |
| 氣源壓力   | 0.8 ... 1.6 bar  |
| 操作介質   | 壓縮空氣符合 ISO8573-1:2010 [7:4:4]  |
| 注意: 操作和嚮導介質                                  | 潤滑操作可行 (隨後需要進一步操作)   |
| 環境溫度   | 0 ... 50 °C  |
| Repetition accuracy in ± µm                  | 2.5 µm   |
| 開關輸出   | PNP/NPN, 可切換   |
| 切換功能   | 視窗比較器<br>具有可變遲滯的閾值   |
| 切換元件功能                                       | N/C 或 N/O 接點, 可切換  |
| 最大輸出電流                                       | 100 mA   |
| 類比輸出   | 0 - 10 V   |
| Start value distance characteristic curve    | 0 µm   |
| End value distance characteristic curve      | 300 µm   |
| 上升時間   | 22 ms  |
| 最小負載電阻, 電壓輸出                                 | 20 kOhm  |
| 短路強度   | 是  |
| 通訊協定   | IO-Link  |
| IO-Link, protocol                            | Device V 1.1   |
| IO-Link, profile                             | Smart sensor profile   |
| IO-Link, function classes                    | Process Data Variable (PDV)<br>Identification<br>診斷<br>Teach channel<br>Switching signal channel (SSC) |
| IO-Link, 通訊模式                                | COM2 (38,4 kBaud)  |
| IO-Link, SIO mode support                    | 是  |
| IO-Link, 接口類型                                | A  |
| IO-Link, process data width OUT              | 0 Byte   |
| IO-Link, process data width IN               | 2 Byte   |
| IO-Link, process data content IN             | 2-bit SSC (distance monitoring)<br>1-bit SSC (supply pressure monitoring)<br>10-bit PDV (distance)     |
| IO-Link, Service data contents IN            | 14-bit supply pressure   |
| IO-Link, 最小周期時間                              | 3 ms   |

| 特性   | 值  |
|--|--|
| IO-Link, data memory required                  | < 500 Byte                                       |
| 工作電壓範圍 DC                                      | 22.8 ... 26.4 V                                  |
| 最大電流消耗   | 400 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  |
| Electrical connection 1, type of mounting      | Screw lock                                       |
| 安裝類型   | 具通孔<br>具頂部導軌<br>選配                               |
| 氣壓連接   | QS-6   |
| 產品重量   | 570 g  |
| Material housing                               | PA-加強  |
| 顯示類型   | 發光 LCD, 多種顏色                                     |
| 設定選項   | IO-Link<br>Teach-In<br>通過顯示裝置和按鈕                 |
| 防止誤操作  | 電子鎖定   |
| 防護等級   | IP65   |
| 耐腐蝕等級 CRC                                      | 2 - Moderate corrosion stress                    |
| PWIS conformity                                | VDMA24364-C1-L                                   |