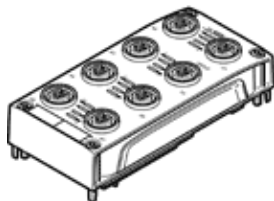


digital input module

CPX-AP-A-16DI-D-M12-5P

料號: 8129112

FESTO



技術參數

| 特性 | 值 |
|--|---|
| 尺寸 寬(W) x 長(L) x 高(H) | (包含相互連結模塊) 50,1 mm x 107,3 mm x 57,5 mm |
| 網柵尺寸 | 50.1 mm |
| 安裝類型 | 收緊 |
| 產品重量 | 96 g |
| 裝配位置 | 任何 |
| 環境溫度 | -20 ... 50 °C |
| Note on ambient temperature | Note ambient temperature derating according to IEC 61131-2:2017 |
| 儲藏溫度 | -20 ... 70 °C |
| 相對空氣濕度 | 5 - 95 % 非冷凝 |
| Nominal altitude of use | <= 2000 m ASL (> 79,5 kPa) |
| Max. installation height | 3,500 m |
| Note on max. installation height | > 2000 m ASL (< 79,5 kPa) Note ambient temperature derating according to IEC 61131-2:2017 |
| 耐腐蝕等級 CRC | 1 - Low corrosion stress |
| 耐振動 | 傳送應用測試在安全等級 2 符合 FN 942017-4 及 EN 60068-2-6 |
| Note on vibration resistance | SG1 on H-rail SG2 on direct mounting 傳送應用測試在安全等級 1 符合 FN 942017-4 及 EN 60068-2-6 |
| 耐衝擊 | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Note on shock resistance | 30 g/11 ms to EN 60068-2-27 SG1 on H-rail SG2 on direct mounting Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27 |
| 安全等級 | III |
| 污染程度 | 2 |
| Overvoltage category | II |
| 最大行列長度 | 30 m inputs |
| PWIS conformity | VDMA24364-B2-L |
| Material fire test | UL94 V-0 (housing) |
| 材料備註 | 符合 RoHS 不含鹵素 Free of phosphoric acid ester |
| Material housing | PC |
| Material cover | PBT-加強 |
| Material screws | Steel, nickel-plated |
| Material o-ring | FPM |
| Diagnostics via LED | Diagnostics per channel Status per channel |
| Diagnostics per internal communication | Short circuit/overload in sensor supply Communication error Electronics/sensors overvoltage Electronics/sensors undervoltage |

| 特性 | 值 |
|--|--|
| 用於輸入的最大位址容量 | 2 Byte |
| Channel parameters | Input debounce time |
| Communication interface, protocol | AP |
| Note regarding operating voltage | SELV/PELV fixed power supplies required Note voltage drop |
| Note on nominal operating voltage DC | Prot.Ext.Low-Volt. IEC 60204-1 |
| Nominal operating voltage DC for electronics/sensors | 24 V |
| Permissible voltage fluctuations for electronics/sensors | ± 25 % |
| Intrinsic current consumption at nominal operating voltage for electronics/sensors | Typ. 40 mA |
| 能源不足緩衝 | 10 ms |
| 極性保護 | 是 |
| Electrical connection, input, function | Digitaleingang |
| Electrical connection, input, connection type | 8x 插座 |
| Electrical connection, input, connection technology | M12x1, A-coded in accordance with EN 61076-2-101 |
| Electrical connection, input, number of pins/wires | 5 |
| 輸入的數量 | 16 |
| 輸入特性 | to IEC 61131-2, type 3 |
| 切換等級 | 訊號 0: ≤ 5 V 訊號 1: ≥ 11 V |
| 邏輯輸入電路 | PNP (正向切換) 2-wire sensors to IEC 61131-2 3-wire sensors to IEC 61131-2 |
| 輸入彈跳時間 | 0,1 ms 3 ms (standard) 10 ms 20 ms |
| Behaviour after end of overload of the sensor supply | Automatic return |
| Fuse protection of inputs (short circuit) | Internal electronic fuse per socket |
| 每個模組的最大剩餘電流輸入 | 4 A |
| Electrical isolation of inputs between channels | 否 |
| Electrical isolation of inputs between channel - internal communication | 是 |