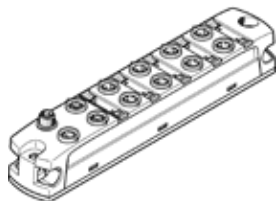


analogue input module CPX-AP-I-4AI-U-I-RTD-M12

料號: 8086606

★ Kernprogramm

FESTO



技術參數

特性	值
尺寸 寬(W) x 長(L) x 高(H)	30 mm x 170 mm x 35 mm
安裝類型	On H-rail with accessories 具通孔
產品重量	166 g
環境溫度	-20 ... 50 °C
儲藏溫度	-40 ... 70 °C
相對空氣濕度	5 - 95 % 非冷凝
防護等級	IP65 IP67
Note on degree of protection	Unused connections sealed
耐腐蝕等級 CRC	1 - Low corrosion stress
最大行列長度	30 m inputs 50 m system communication
PWIS conformity	VDMA24364-B2-L
CE 符號 (參見符合的標準)	根據 EU-EMV 指導原則
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC mark	KC-EMV
授權	RCM Mark c UL us - Listed (OL)
認證核發部門	UL E239998
材料備註	符合 RoHS
Material housing	PA PC Nickel-plated die-cast zinc
Material seals	NBR
Material o-ring	FPM
Diagnostics via LED	Diagnostics per module Status per channel
Diagnostics per internal communication	Wire break Module error Short circuit/overload in sensor supply Parameter error parameterisation error Overload at analogue inputs Upper limit value not observed Overflow/underflow Lower limit value not observed
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, connection type	2x 插座
Communication interface, connection technology	M8x1, D-coded to EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, protocol	AP
Communication interface, screening	是
Power supply, function	Incoming electronics/sensors and load
Power supply, type of connection	插頭

特性	值
Power supply, connection technology	M8x1, A-coded to EN 61076-2-104
Power supply, number of pins/wires	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	插頭插座
Power transmission, connection technology	M8x1, A-coded to EN 61076-2-104
Power transmission, number of pins/wires	4
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Max. power supply	2 x 4 A (external fuse required)
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 38 mA
能源不足緩衝	10 ms
極性保護	是
Electrical connection, input, function	Analogue input
Electrical connection, input, connection type	4x 插座
Electrical connection, input, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection, input, note on connection technology	To achieve the technical specifications, the opposite side must be screened and designed with gold contact surfaces.
Electrical connection, input, number of pins/wires	5
輸入的數量	4
Fuse protection of inputs (short circuit)	每個模組的內部電子保險絲保護
每個模組的最大剩餘電流輸入	1 A
Electrical isolation of inputs between channels	否
Electrical isolation of inputs between channel - internal communication	是
測量變量	Voltage Current Temperature Resistor
數據格式	15 位元 + 字首 Linear scaling
信號範圍	-10 - 10 V -5 - 5 V 0 - 10 V 0 - 20 mA 0 - 500 ohm 1 - 5 V 4 - 20 mA
重複精度	±0.025% at 25 °C
在25°C時的基本錯誤限制	±0.1% for voltage ±0.1% for current ±0.2% for resistor ±0.4% for temperature
操作錯誤限制與周遭環境溫度範圍的關係	±0.15% for voltage ±0.15% for current ±0.35% for resistor ±0.9% for temperature