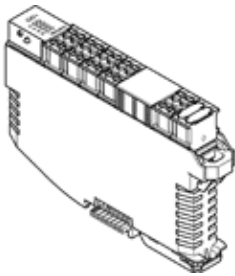


analogue input module CPX-E-4AI-U-I

料號: 4080493

FESTO



技術參數

特性	值
尺寸 寬(W) x 長(L) x 高(H)	18,9 mm x 76,6 mm x 124,3 mm
網柵尺寸	18.9 mm
安裝類型	具頂部導軌
產品重量	96 g
裝配位置	垂直 水平
環境溫度	-5 ... 50 °C
Note on ambient temperature	-5 - 60°C for vertical installation
儲藏溫度	-20 ... 70 °C
相對空氣濕度	95 % 非冷凝
防護等級	IP20
耐腐蝕等級 CRC	0 - No corrosion stress
耐振動	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
耐衝擊	Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
最大行列長度	30 m inputs 已屏蔽
PWIS conformity	VDMA24364 zone III
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
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
Material screws	電鍍鋼
Diagnostics via LED	Error per channel Error per module
Diagnostics via bus	Wire break 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
用於輸入的最大位址容量	8 Byte
Module parameters	Parameterisation error diagnostics Short circuit diagnostics for sensor supply Behaviour after short circuit/overload Data format analogue inputs

特性	值
	Deactivate sensor supply Diagnostics of overload at analogue inputs Behaviour after overload at analogue inputs Hysteresis limit monitoring
Channel parameters	Signal range per channel Diagnostics for lower limit Diagnostics for upper limit Wire break diagnostics Underflow/overflow diagnostics Parameter error diagnostics Smoothing factor Lower/upper limits
內部循環時間	<= 500 μ s
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	\pm 25 %
Intrinsic current consumption at nominal operating voltage for electronics/sensors	typ. 70 mA
能源不足緩衝	10 ms
極性保護	24 V sensor supply against 0 V sensor supply
Electrical connection, input, function	Analogue input
Electrical connection, input, connection type	4x terminal strips
Electrical connection, input, connection technology	壓接式端子
Electrical connection, input, number of pins/wires	4
Electrical connection for input, conductor cross section	0.2 ... 1.5 mm ²
Electrical connection for input, note on conductor cross section	0.2 - 2.5 mm ² for flexible conductors without wire end sleeves
Electrical connection for input 2, function	Functional earth
Electrical connection for input 2, connection type	端子條
Electrical connection for input 2, connection technology	壓接式端子
Electrical connection for input 2, number of pins/wires	4
Electrical connection for input 2, connection pattern	00995842
Electrical connection for input 2, conductor cross section	0.2 ... 1.5 mm ²
Electrical connection for input 2, note on conductor cross section	0.2 - 2.5 mm ² for flexible conductors without wire end sleeves
輸入的數量	4
每個模組的最大剩餘電流輸入	1.4 A
Behaviour after end of overload of the outputs	No automatic return (default) Parameterisable (module by module)
測量變量	Voltage Current
數據格式	15 位元 + 字首 Linear scaling
信號範圍	-10 - 10 V -20 - 20 mA -5 - 5 V 0 - 10 V 0 - 20 mA 1 - 5 V 4 - 20 mA
重複精度	\pm 0.1% at 25 °C
在25°C時的基本錯誤限制	\pm 0,2 %
操作錯誤限制與周遭環境溫度範圍的關係	\pm 0,3 %
電絕緣通道 - 通道	否
電絕緣通道 - 內部匯流排	是
防護(短路)	每個模組的內部電子保險絲保護