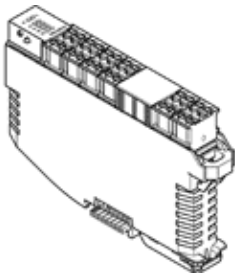


# analogue output module CPX-E-4AO-U-I

料號: 4080494

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
直接和間接接觸保護	Protective extra-low voltage with safe disconnection (PELV)
最大行列長度	30 m outputs 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	Short circuit/overload in actuator supply Short circuit/overload at analogue output parameterisation error Exceeding nominal range Value falls below nominal range Undervoltage in load supply General error
用於輸出的最大位址容量	8 Byte
輸出的數量	4
Module parameters	Parameterisation error diagnostics Short circuit diagnostics for actuator supply Diagnostics for undervoltage in load supply

特性	值
	Behaviour after short circuit/overload in actuator supply Behaviour after short circuit/overload at analogue output Deactivate actuator supply Data format analogue outputs
Channel parameters	Signal range per channel Enable overload/short circuit diagnostics Enable wire break/idling diagnostics Release for parameterisation error diagnostics Force channel x
Power supply, type of connection	端子條
Power supply, connection technology	壓接式端子
Power supply, number of pins/wires	4
額定工作電壓, DC 輸出	24 V
Permissible voltage fluctuations, load	± 25 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Power supply, conductor diameter	0.2 ... 1.5 mm <sup>2</sup>
Power supply, note on conductor diameter	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
Intrinsic current consumption at nominal operating voltage for electronics/sensors	typ. 60 mA
Intrinsic current consumption at nominal operating voltage load	典型的 15 mA
能源不足緩衝	10 ms
極性保護	24 V actuator supply against 0 V sensor supply 24 V load against 0 V load 24 V sensor supply against 0 V sensor supply
Behaviour after end of overload of the sensor supply	Automatic return (default) Parameterisable (module by module)
Electrical connection, output, function	Analogue output
Electrical connection, output, connection type	4x terminal strips
Electrical connection, output, connection technology	壓接式端子
Electrical connection, output, number of pins/wires	4
Electrical connection for output, conductor cross section	0.2 ... 1.5 mm <sup>2</sup>
Electrical connection for output, note on conductor cross section	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
Electrical connection for output 2, function	Functional earth
Electrical connection for output 2, connection type	端子條
Electrical connection for output 2, connection technology	壓接式端子
Electrical connection for output 2, number of pins/wires	4
Electrical connection for output 2, connection pattern	00995842
Electrical connection for output 2, conductor cross section	0.2 ... 1.5 mm <sup>2</sup>
Electrical connection for output 2, note on conductor cross section	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
每個模組的最大剩餘電流輸出	2 A
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 4 - 20 mA
重複精度	±0.05% at 25 °C
在25°C時的基本錯誤限制	±0,1 %
操作錯誤限制與周遭環境溫度範圍的關係	±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