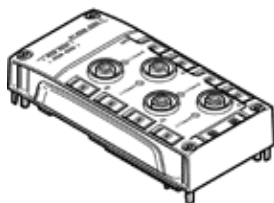


# IO-Link Master CPX-AP-A-4IOL-M12

料號: 8129114

FESTO



## 技術參數

特性	值
通訊協定	IO-Link
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	90 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	20 m with IO-Link operation
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 Diagnostics per module Power supply load Status per channel Status per module

特性	值
Diagnostics per internal communication	IO-Link® event Short circuit/overload in sensor supply Electronics/sensors overvoltage Load overvoltage Electronics/sensors undervoltage Load undervoltage
用於輸入的最大位址容量	33 Byte
用於輸出的最大位址容量	33 Byte
Module parameters	Configuration of voltage monitoring load supply PL
Channel parameters	Activation diagnostics for IO-Link® device lost Port mode Target deviceID Target vendorID Target cycle time
內部循環時間	< 1 ms
配置支援	IODD file
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
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 %
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typ. 40 mA
Intrinsic current consumption at nominal operating voltage load	typ. 4 mA
能源不足緩衝	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	是
極性保護	是
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	2 A
Behaviour after end of overload of the outputs	No automatic return
每個模組的最大剩餘電流輸出	4 A
Electrical isolation of outputs between channel - internal communication	是
每一通道最大的電源供應	2.1 A (50 W 照射負載), 每一對通道
Electrical connection for IO-Link®, connection type	4x 插座
Electrical connection for IO-Link®, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection for IO-Link®, number of pins/wires	5
IO-Link, 通訊	C/Q 綠色 LED
IO-Link, 接口數	4
IO-Link, 接口類型	B
IO-Link, protocol	Master V 1.1
IO-Link, SIO mode support	是
IO-Link, 通訊模式	可透過軟體配置 SIO, COM1 (4.8 kBaud), COM2 (38.4 kBaud), COM3 (230.4 kBaud)
IO-Link, process data width OUT	Can be parameterised 8 - 128 bytes
IO-Link, process data width IN	Can be parameterised 12 - 132 bytes
IO-Link, 最小周期時間	Dependent on minimum supported cycle time of the connected IO-Link® device