

EtherCAT® interface CPX-AP-A-EC-M12

料號: 8129243

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
模組的最大數量	80
產品重量	113 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	100 m EtherCAT
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 screen	PC
Material screws	Steel, nickel-plated
Material threaded sleeve	高合金鋼, 耐腐蝕
Material o-ring	FPM
Diagnostics via LED	Diagnostics per module EtherCAT RUN Power supply electronics/sensors

特性	值
	Power supply load System diagnostics Maintenance required
Diagnostics via bus	Communication error Load switch-off Load overvoltage Load undervoltage Electronics/sensors overvoltage Electronics/sensors undervoltage APDD invalid
Fieldbus介面	Ethernet
Fieldbus interface, protocol	EtherCAT EtherCAT CoE EtherCAT Distrib. Clocks (DC) EtherCAT EoE EtherCAT FoE EtherCAT Mod. Dev. Prof. (MDP)
Fieldbus interface, type of connection	2x 插座
Fieldbus interface, connection technology	M12x1, D-coded in accordance with EN 61076-2-101
Fieldbus interface, number of pins/wires	4
Fieldbus介面, 電絕緣	是
Fieldbus介面, 傳輸速度	100 Mbit/s
Fieldbus interface, note on transmission rate	100 Mb, switched Fast Ethernet
用於輸入的最大位址容量	1,024 Byte
用於輸出的最大位址容量	1,024 Byte
Module parameters	Configuration of voltage monitoring load supply PL
內部循環時間	< 1 ms
配置支援	ESI file
Communication interface, function	System communication XF20 OUT
Communication interface, connection type	插頭插座
Communication interface, connection technology	M8x1, D-coded to EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, connection pattern	00995937
Communication interface, protocol	AP
Communication interface, screening	是
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	Prof.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. 95 mA
Intrinsic current consumption at nominal operating voltage load	typ. 3 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