

# PROFINET interface CPX-AP-A-PN-M12

料號: 8129241

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	108 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 PROFINET
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 threaded sleeve	高合金鋼, 耐腐蝕
Material o-ring	FPM
Diagnostics via LED	Diagnostics per module PROFINET communication Power supply electronics/sensors Power supply load

特性	值
	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	MRP, MRPD (ring redundancy) LLDP S2 system redundancy PROFINET FSU PROFINET I&M0 .. 3 PROFINET IRT PROFINET RT PROFINET Shared device SNMP
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	GSDML 檔案
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	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	典型的 80 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