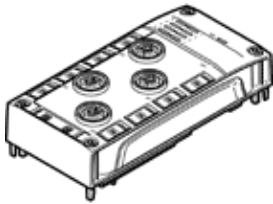


digital input module CPX-AP-A-8DI-M12-5P

料號: 8129109

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
產品重量	87 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	30 m inputs
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 module Status per channel
Diagnostics per internal communication	Short circuit/overload in sensor supply Communication error Electronics/sensors overvoltage Electronics/sensors undervoltage

特性	值
用於輸入的最大位址容量	1 Byte
Channel parameters	Input debounce time
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
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
能源不足緩衝	10 ms
極性保護	是
Electrical connection, input, function	Digitaleingang
Electrical connection, input, connection type	4x 插座
Electrical connection, input, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection, input, number of pins/wires	5
輸入的數量	8
輸入特性	to IEC 61131-2, type 3
切換等級	訊號 0: ≤ 5 V 訊號 1: ≥ 11 V
邏輯輸入電路	PNP (正向切換) 2-wire sensors to IEC 61131-2 3-wire sensors to IEC 61131-2
輸入彈跳時間	0,1 ms 3 ms (standard) 10 ms 20 ms
Behaviour after end of overload of the sensor supply	Automatic return
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	1.8 A
Electrical isolation of inputs between channels	否
Electrical isolation of inputs between channel - internal communication	是