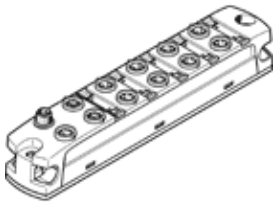


digital input/output module CPX-AP-I-4DI4DO-M8-3P

部品番号: 8086601

★ Core product range

FESTO



データシート

特長	値
寸法WxLxH	30 mm x 170 mm x 35 mm
取付方法	アクセサリを使ってDINレールに取り付け 取付穴
質量	129 g
周囲温度	-20 ... 50 °C
保管温度	-40 ... 70 °C
相対湿度	5 - 95 % 非凝縮
保護仕様	IP65 IP67
保護等級について	Unused connections sealed
耐酸性クラス: CRC	1 - 腐食ストレス低
ラインの最長	30 m outputs 30 m inputs 50 m system communication
Note on max. cable length	Power supply according to nominal voltage
PWIS conformity	VDMA24364-B2-L
CEマーク	EU-EMVガイドライン準拠
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC mark	KC-EMV
認証	RCM Mark c UL us - Listed (OL)
認証発行部	UL E239998
材質	RoHS対応
Material housing	PA PC 亜鉛ダイカスト (ニッケルめっき)
Material o-ring	FPM
Diagnostics via LED	Diagnostics per module Power supply load Status per channel
Diagnostics per internal communication	Load switch-off Short-circuit/overload output signal Short circuit/overload in sensor supply Electronics/sensors overvoltage Load overvoltage Electronics/sensors undervoltage Load undervoltage
Output数	4
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, connection type	2xソケット
Communication interface, connection technology	M8x1, D-coded to EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, protocol	AP
Communication interface, screening	あり
Power supply, function	Incoming electronics/sensors and load

特長	値
電源, 接続のタイプ	プラグ
電源, 接続方式	M8x1, A-coded to EN 61076-2-104
電源, 芯/線数	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	プラグソケット
Power transmission, connection technology	M8x1, A-coded to EN 61076-2-104
Power transmission, number of pins/wires	4
作動圧力についての注意	SELV/PELV fixed power supplies required Note voltage drop
DC出力の作動電圧	24 V
Permissible voltage fluctuations, load	± 25 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Max. power supply	2 x 4 A (external fuse required)
Intrinsic current consumption at nominal operating voltage for electronics/sensors	タイプ 35mA
Intrinsic current consumption at nominal operating voltage load	Typical 10 mA
電源短絡時のバックアップ	10 ms
誤極性保護	あり
Electrical connection, input, function	Digitaleingang
Electrical connection, input, connection type	4xソケット
Electrical connection, input, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection, input, number of pins/wires	3
Input数	4
入力特性	to IEC 61131-2, type 3
切換レベル	信号 0: ≤ 5 V 信号 1: ≥ 11 V
入力回路論理	PNP (プラス切換) 2-wire sensors to IEC 61131-2 3-wire sensors to IEC 61131-2
入カデバウンス時間	0,1 ms 3 ms 10 ms 20 ms
Fuse protection of inputs (short circuit)	モジュール毎にヒューズ保護を内蔵
モジュールあたりの最大残存入力電流	1.8 A
Electrical isolation of inputs between channels	なし
Electrical isolation of inputs between channel - internal communication	あり
Electrical connection, output, function	Digitalausgang
Electrical connection, output, connection type	4xソケット
Electrical connection, output, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection, output, number of pins/wires	3
出力特性曲線	to IEC 61131-2, type 0.5
出力回路論理	PNP (プラス切換)
Fuse protection of outputs (short circuit)	チャンネル毎にヒューズ保護を内蔵
Output delay with resistive load	Signal change 0->1: < 200 µs Signal change 1->0: < 200 µs
モジュールあたりの最大残存出力電流	2 A
Electrical isolation of outputs between channels	なし
Electrical isolation of outputs between channel - internal communication	あり
チャンネルあたりの最大電源電圧	0,5 A