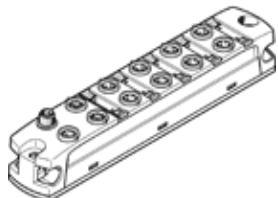


analogue input module CPX-AP-I-4AI-U-I-RTD-M12

部品番号: 8086606
★ 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	166 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 inputs 50 m system communication
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 seals	NBR
Material o-ring	FPM
Diagnostics via LED	Diagnostics per module Status per channel
Diagnostics per internal communication	Wire break Module error Short circuit/overload in sensor supply Parameter error parameterisation error Overload at analogue inputs Upper limit value not observed Overflow/underflow Lower limit value not observed
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
電源, 接続のタイプ	プラグ

特長	値
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
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	Typically 38 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	Analogue input
Electrical connection, input, connection type	4xソケット
Electrical connection, input, connection technology	M12x1, Aコード (EN 61076-2-101)
Electrical connection, input, note on connection technology	To achieve the technical specifications, the opposite side must be screened and designed with gold contact surfaces.
Electrical connection, input, number of pins/wires	5
Input数	4
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 A
Electrical isolation of inputs between channels	なし
Electrical isolation of inputs between channel - internal communication	あり
測定装置	Voltage Current 温度 Resistor
フォーマット	15ビット+固定 Linear scaling
信号範囲	-10 - 10 V -5 - 5 V 0 - 10 V 0 - 20 mA 0 - 500 ohm 1 - 5 V 4 - 20 mA
繰返し精度	±0.025% at 25 °C
25°時のベーシックエラー	±0.1% for voltage ±0.1% for current ±0.2% for resistor ±0.4% for temperature
周囲温度範囲に関連した操作エラー	±0.15% for voltage ±0.15% for current ±0.35% for resistor ±0.9% for temperature