

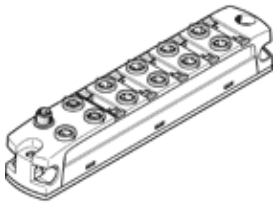
# analogue input module

## CPX-AP-I-4AI-U-I-RTD-M12

Gaminio numeris: 8086606

★ Kernprogramm

FESTO



## Tech. Duomenys

Savybės	Reikšmė
Matmenys B x L x H	30 mm x 170 mm x 35 mm
Montavimo tipas	On H-rail with accessories Su kiauryme
Produkto svoris	166 g
Aplinkos temperatūra	-20 ... 50 °C
Saugojimo temperatūra	-40 ... 70 °C
Sąlyginė oro drėgmė	5 - 95 % nesikondensuojantis
Apsaugos klasė	IP65 IP67
Note on degree of protection	Unused connections sealed
Atsparumo korozijai klasė CRC	1 - Low corrosion stress
Didžiausias linijos ilgis	30 m inputs 50 m system communication
PWIS conformity	VDMA24364-B2-L
CE ženklas (žr. deklaraciją)	atitinka EU-EMV reikalvumus
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC mark	KC-EMV
Leidimas	RCM Mark c UL us - Listed (OL)
Skyriaus sertifikatas	UL E239998
Informacija	atitinka RoHS
Material housing	PA PC Nickel-plated die-cast zinc
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 rozetė
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	Taip
Power supply, function	Incoming electronics/sensors and load
Power supply, type of connection	Kištukas

Savybės	Reikšmė
Power supply, connection technology	M8x1, A-coded to EN 61076-2-104
Power supply, number of pins/wires	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	Kištuvo lizdas
Power transmission, connection technology	M8x1, A-coded to EN 61076-2-104
Power transmission, number of pins/wires	4
Pastaba dėl darbinės įtampos	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
Galios susilpnėjimo mažinimas	10 ms
Apsaugotas nuo poliariškumo pakeitimo	Taip
Electrical connection, input, function	Analogue input
Electrical connection, input, connection type	4x rozetė
Electrical connection, input, connection technology	M12x1, A-coded in accordance with 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
Įėjimų kiekis	4
Fuse protection of inputs (short circuit)	vidinė elektroninė apsauga moduliui
Didžiausia leistina suminė įėjimų srovė moduliui	1 A
Electrical isolation of inputs between channels	Ne
Electrical isolation of inputs between channel - internal communication	Taip
Matuotas kintamasis	Voltage Current Temperature Resistor
Duomenų formatas	15bitų + preamble Linear scaling
Signalų nuotolis	-10 - 10 V -5 - 5 V 0 - 10 V 0 - 20 mA 0 - 500 ohm 1 - 5 V 4 - 20 mA
Kartojimo tikslumas	±0.025% at 25 °C
Pagrindinė klaidos riba 25°C	±0.1% for voltage ±0.1% for current ±0.2% for resistor ±0.4% for temperature
Operacinė klaidos riba, susieta su supančiu temperatūriniu diapazonu	±0.15% for voltage ±0.15% for current ±0.35% for resistor ±0.9% for temperature