

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

Broj artikla: 8086606

★ Osnovni proizvodni program

FESTO



## Tehnički podaci

Svojstvo	Vrijednost
Dimenzije Š x D x V	30 mm x 170 mm x 35 mm
Vrsta pričvršćenja	Na H-šini s priborom s prolaznim provrtom
Težina proizvoda	166 g
Temperatura okoline	-20 ... 50 °C
Temperatura ležaja	-40 ... 70 °C
Relativna vlažnost zraka	5 - 95 % ne kondenzira se
Mehanička zaštita	IP65 IP67
Opaska o stupnju zaštite	Unused connections sealed
Klasa korozione otpornosti KBK	1 - niska otpornost na koroziju
Maks. duljina voda	30 m inputs 50 m system communication
PWIS conformity	VDMA24364-B2-L
CE znak (vidi izjavu o sukladnosti)	prema EU-EMV-smjernici
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC mark	KC-EMV
Dozvola	RCM Mark c UL us - Listed (OL)
Mjesto izdavanja certifikata	UL E239998
Materijal - napomena	RoHS sukladno
Material housing	PA PC Poniklani lijevani cink
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	2 x utičnica
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	da
Power supply, function	Incoming electronics/sensors and load
Napajanje, način spajanja	Utikači

Svojstvo	Vrijednost
Napajanje, tehnologija spajanja	M8x1, A-coded to EN 61076-2-104
Napajanje, broj pinova/žica	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	Utičnica
Power transmission, connection technology	M8x1, A-coded to EN 61076-2-104
Power transmission, number of pins/wires	4
Uputa za pogonski napon	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
Premošćenje ispada mreže	10 ms
Zaštita od zamjene polova	da
Electrical connection, input, function	Analogue input
Electrical connection, input, connection type	4 x utičnica
Electrical connection, input, connection technology	M12x1, A-coded u skladu s 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
Broj ulaza	4
Fuse protection of inputs (short circuit)	interni elektronski osigurač po modulu
Maks. sumarna struja ulaza po modulu	1 A
Electrical isolation of inputs between channels	ne
Electrical isolation of inputs between channel - internal communication	da
Mjerna veličina	Voltage Current Temperatura Resistor
Format podataka	15 bita, + predznak Linear scaling
Signalno područje	-10 - 10 V -5 - 5 V 0 - 10 V 0 - 20 mA 0 - 500 ohm 1 - 5 V 4 - 20 mA
Točnost ponavljanja	±0.025% at 25 °C
Granica osnovne greške kod 25 °C	±0.1% for voltage ±0.1% for current ±0.2% for resistor ±0.4% for temperature
Granica greške korištenja u odnosu na područje temperature okoline	±0.15% for voltage ±0.15% for current ±0.35% for resistor ±0.9% for temperature