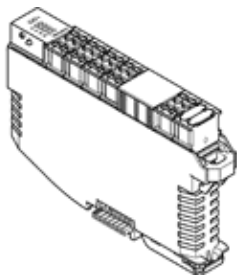


# analogue input module CPX-E-4AI-U-I

Broj artikla: 4080493

FESTO



## Tehnički podaci

Svojstvo	Vrijednost
Dimenzije Š x D x V	18,9 mm x 76,6 mm x 124,3 mm
Mjera rastera	18,9 mm
Vrsta pričvršćenja	sa H - profilom
Težina proizvoda	96 g
Položaj ugradnje	okomito vodoravno
Temperatura okoline	-5 ... 50 °C
Informacija o temperaturi okoline	-5 - 60°C for vertical installation
Temperatura ležaja	-20 ... 70 °C
Relativna vlažnost zraka	95 % ne kondenzira se
Mehanička zaštita	IP20
Klasa korozione otpornosti KBK	0 - bez otpornosti na koroziju
Otpornost na vibracije	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Udarna čvrstoća	Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Maks. duljina voda	30 m inputs zaslonjeno
PWIS conformity	VDMA24364 zone III
CE znak (vidi izjavu o sukladnosti)	prema EU-EMV-smjernici in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Dozvola	RCM Mark c UL us - Listed (OL)
Mjesto izdavanja certifikata	UL E239998
Materijal - napomena	RoHS sukladno
Material housing	PA
Material screws	Čelik, pocinčan
Diagnostics via LED	Error per channel Error per module
Diagnostics via bus	Wire break 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
Maksimalni volumen adrese za ulaze	8 Byte
Module parameters	Parameterisation error diagnostics Short circuit diagnostics for sensor supply Behaviour after short circuit/overload Data format analogue inputs

Svojstvo	Vrijednost
	Deactivate sensor supply Diagnostics of overload at analogue inputs Behaviour after overload at analogue inputs Hysteresis limit monitoring
Channel parameters	Signal range per channel Diagnostics for lower limit Diagnostics for upper limit Wire break diagnostics Underflow/overflow diagnostics Parameter error diagnostics Smoothing factor Lower/upper limits
Interno vrijeme ciklusa	$\leq 500 \mu\text{s}$
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	$\pm 25 \%$
Intrinsic current consumption at nominal operating voltage for electronics/sensors	typ. 70 mA
Premošćenje ispada mreže	10 ms
Zaštita od zamjene polova	24 V sensor supply against 0 V sensor supply
Electrical connection, input, function	Analogue input
Electrical connection, input, connection type	4x terminal strips
Electrical connection, input, connection technology	Opružna stezaljka
Electrical connection, input, number of pins/wires	4
Electrical connection for input, conductor cross section	0,2 ... 1,5 mm <sup>2</sup>
Electrical connection for input, note on conductor cross section	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
Electrical connection for input 2, function	Functional earth
Electrical connection for input 2, connection type	Stezna letva
Electrical connection for input 2, connection technology	Opružna stezaljka
Electrical connection for input 2, number of pins/wires	4
Electrical connection for input 2, connection pattern	00995842
Electrical connection for input 2, conductor cross section	0,2 ... 1,5 mm <sup>2</sup>
Electrical connection for input 2, note on conductor cross section	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
Broj ulaza	4
Maks. sumarna struja ulaza po modulu	1,4 A
Behaviour after end of overload of the outputs	No automatic return (default) Parameterisable (module by module)
Mjerna veličina	Voltage Current
Format podataka	15 bita, + predznak Linear scaling
Signalno područje	-10 - 10 V -20 - 20 mA -5 - 5 V 0 - 10 V 0 - 20 mA 1 - 5 V 4 - 20 mA
Točnost ponavljanja	$\pm 0.1\%$ at 25 °C
Granica osnovne greške kod 25 °C	$\pm 0,2 \%$
Granica greške korištenja u odnosu na područje temperature okoline	$\pm 0,3 \%$
Naponsko odvajanja kanal - kanal	ne
Naponsko odvajanje kanal - interna sabirnica	da
Osiguranje (kratki spoj)	interni elektronski osigurač po modulu