

digital input/output module CPX-AP-A-12DI4DO-M12-5P

Broj artikla: 8129111

FESTO



Tehnički podaci

Svojstvo	Vrednost
Dimenzije Š x D x V	(uklj. blok povezivanja) 50,1 mm x 107,3 mm x 57,5 mm
Mera mreže	50,1 mm
Vrsta pričvršćenja	vijčano pričvršćen
Težina proizvoda	98 g
Položaj ugradnje	proizvoljno
Temperatura okoline	-20 ... 50 °C
Note on ambient temperature	Note ambient temperature derating according to IEC 61131-2:2017
Temperatura ležaja	-20 ... 70 °C
Relativna vlažnost vazduha	5 - 95 % ne kondenzira se
Nominal altitude of use	≤ 2000 m ASL (≥ 79,5 kPa)
Max. installation height	3.500 m
Note on max. installation height	> 2000 m ASL (< 79,5 kPa) Note ambient temperature derating according to IEC 61131-2:2017
Klasa korozione otpornosti KBK	1 - Low corrosion stress
Otpornost na vibracije	Ispitivanje transporta sa stepenom težine 2 prema FN 942017-4 i EN 60068-2-6
Note on vibration resistance	SG1 on H-rail SG2 on direct mounting Ispitivanje transporta sa stepenom oštine 1 prema FN 942017-4 i EN 60068-2-6
Udarne čvrstoća	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Note on shock resistance	30 g/11 ms to EN 60068-2-27 SG1 on H-rail SG2 on direct mounting Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Klasa zaštite	III
Stepen zagađenja	2
Overvoltage category	II
Maks. dužina voda	30 m outputs 30 m inputs
PWIS conformity	VDMA24364-B2-L
Material fire test	UL94 V-0 (housing)
Materijal - napomena	RoHS komfornost Bez halogena Free of phosphoric acid ester
Material housing	PC
Material cover	PBT ojačan
Material screws	Steel, nickel-plated
Material o-ring	FPM
Diagnostics via LED	(Outputs) Power supply load (Outputs) Diagnostics per channel (Inputs-Outputs) Diagnostics per module

Svojtvo	Vrednost
	(Inputs-Outputs) Status per channel
Diagnostics per internal communication	Load switch-off Short-circuit/overload output signal Short circuit/overload in sensor supply Communication error Electronics/sensors overvoltage Load overvoltage Electronics/sensors undervoltage Load undervoltage
Maksimalna zapremina adrese za ulaze	2 Byte
Maksimalna zapremina adrese za izlaze	1 Byte
Broj izlaza	4
Module parameters	Configuration of voltage monitoring load supply PL Behaviour after short circuit/overload at the output
Channel parameters	Input debounce time
Communication interface, protocol	AP
Napomena za pogonski napon	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	Prot.Ext.Low-Volt. IEC 60204-1
Nominal operating voltage, DC outputs	24 V
Permissible voltage fluctuations, load	± 25 %
Nominal operating voltage DC for electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25 %
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typ. 40 mA
Intrinsic current consumption at nominal operating voltage load	Typical 5 mA
Premošćenje kvara mreže	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	Da
Zaštita od zamene polova	Da
Electrical connection, input, function	Digitaleingang
Electrical connection, input, connection type	6x socket
Electrical connection, input, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection, input, number of pins/wires	5
Broj ulaza	12
Karakteristike, ulazi	to IEC 61131-2, type 3
Sklopna razina	Signal 0: ≤ 5 V Signal 1: ≥ 11 V
Sklopna logika, ulazi	PNP (plus sklapanje) 2-wire sensors to IEC 61131-2 3-wire sensors to IEC 61131-2
Vreme ulaznog odskoka	0,1 ms 3 ms (standard) 10 ms 20 ms
Behaviour after end of overload of the sensor supply	Automatic return
Fuse protection of inputs (short circuit)	interni elektronski osigurač po modulu
Maks. ukupna struja ulaza po modulu	1,8 A
Electrical isolation of inputs between channels	ne
Electrical isolation of inputs between channel - internal communication	Da
Electrical connection, output, function	Digitalausgang
Electrical connection, output, connection type	2 x utičnica
Electrical connection, output, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection, output, number of pins/wires	5
Karakteristike, izlazi	to IEC 61131-2, type 0.5
Sklopna logika, izlazi	PNP (plus sklapanje)
Fuse protection of outputs (short circuit)	interni elektronski osigurač po kanalu
Behaviour after end of overload of the outputs	No automatic return
Output delay with resistive load	Signal change 0→1: < 200 μs Signal change 1→0: < 200 μs
Maks. ukupna struja izlaza po modulu	2 A

Svojstvo	Vrednost
Electrical isolation of outputs between channels	ne
Electrical isolation of outputs between channel - internal communication	Da
Maks. Napajanje po kanalu	0,5 A