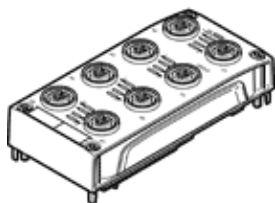


digital input module

CPX-AP-A-16DI-D-M12-5P

Broj artikla: 8129112

FESTO



Tehnički podaci

Svojstvo	Vrijednost
Dimenzije Š x D x V	(uklj. blok ulančavanja) 50,1 mm x 107,3 mm x 57,5 mm
Mjera rastera	50,1 mm
Vrsta pričvršćenja	vijčano pričvršćen
Težina proizvoda	96 g
Položaj ugradnje	proizvoljno
Temperatura okoline	-20 ... 50 °C
Informacija o temperaturi okoline	Note ambient temperature derating according to IEC 61131-2:2017
Temperatura ležaja	-20 ... 70 °C
Relativna vlažnost zraka	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 - niska otpornost na koroziju
Otpornost na vibracije	Ispitivanje transporta sa stupnjem oštine 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 stupnjem oštine 1 prema FN 942017-4 i EN 60068-2-6
Udarna 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
Stupanj onečišćenja	2
Overvoltage category	II
Maks. duljina voda	30 m inputs
PWIS conformity	VDMA24364-B2-L
Test na vatrootpornost	UL94 V-0 (kućište)
Materijal - napomena	RoHS sukladno Bez halogena Bez estera fosforne kiseline
Material housing	PC
Material cover	PBT ojačan
Material screws	Steel, nickel-plated
Material o-ring	FPM
Diagnostics via LED	Diagnostics per channel Status per channel
Diagnostics per internal communication	Short circuit/overload in sensor supply Communication error

Svojstvo	Vrijednost
	Electronics/sensors overvoltage Electronics/sensors undervoltage
Maksimalni volumen adrese za ulaze	2 Byte
Channel parameters	Input debounce time
Communication interface, protocol	AP
Uputa 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 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
Premošćenje ispada mreže	10 ms
Zaštita od zamjene polova	da
Electrical connection, input, function	Digitaleingang
Electrical connection, input, connection type	8 x utičnica
Electrical connection, input, connection technology	M12x1, A-coded u skladu s EN 61076-2-101
Electrical connection, input, number of pins/wires	5
Broj ulaza	16
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
Vrijeme 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)	Internal electronic fuse per socket
Maks. sumarna struja ulaza po modulu	4 A
Electrical isolation of inputs between channels	ne
Electrical isolation of inputs between channel - internal communication	da