

EtherCAT® interface CPX-AP-A-EC-M12

Gaminio numeris: 8129243

FESTO



Tech. Duomenys

Savybės	Reikšmė
Matmenys B x L x H	(ryšio bloko įjungimas) 50,1 mm x 107,3 mm x 57,5 mm
Tinklelio matmuo	50,1 mm
Montavimo tipas	suspaustas
Didžiausias modulių skaičius	80
Produkto svoris	113 g
Montavimo pozicija	Bet koks
Aplinkos temperatūra	-20 ... 50 °C
Note on ambient temperature	Note ambient temperature derating according to IEC 61131-2:2017
Saugojimo temperatūra	-20 ... 70 °C
Sąlyginė oro drėgmė	5 - 95 % nesikondensuojantis
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
Atsparumo korozijai klasė CRC	1 - Low corrosion stress
Atsparumas vibracijoms	Tinkamumo transportui patikra, 2 sunkumo lygio pagal FN 942017-4 ir EN 60068-2-6
Note on vibration resistance	SG1 on H-rail SG2 on direct mounting Tinkamumo transportui patikra, 1 sunkumo lygio pagal FN 942017-4 ir EN 60068-2-6
Atsparumas smūgiams	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
Saugumo klasė	III
Užterštumo laipsnis	2
Overvoltage category	II
Didžiausias linijos ilgis	100 m EtherCAT
PWIS conformity	VDMA24364-B2-L
Material fire test	UL94 V-0 (housing)
Informacija	atitinka RoHS Be halogeno Free of phosphoric acid ester
Material housing	PC
Material cover	PBT-sustiprintas
Material screen	PC
Material screws	Steel, nickel-plated
Material threaded sleeve	aukštai legiruotas plienas, nerūdijantis
Material o-ring	FPM
Diagnostics via LED	Diagnostics per module

Savybės	Reikšmė
	EtherCAT RUN Power supply electronics/sensors Power supply load System diagnostics Maintenance required
Diagnostics via bus	Communication error Load switch-off Load overvoltage Load undervoltage Electronics/sensors overvoltage Electronics/sensors undervoltage APDD invalid
Feldbus jungtis	Ethernet
Feldbus interface, protocol	EtherCAT EtherCAT CoE EtherCAT Distrib. Clocks (DC) EtherCAT EoE EtherCAT FoE EtherCAT Mod. Dev. Prof. (MDP)
Feldbus interface, type of connection	2x rozetė
Feldbus interface, connection technology	M12x1, D-coded in accordance with EN 61076-2-101
Feldbus interface, number of pins/wires	4
Feldbus jungtis, galvaninis atskyrimas	Taip
Feldbus jungtis, perdavimo greitis	100 Mbit/s
Feldbus interface, note on transmission rate	100 Mb, switched Fast Ethernet
Maksimali adreso apimtis įėjimams	1.024 Byte
Maksimali adreso apimtis išėjimams	1.024 Byte
Module parameters	Configuration of voltage monitoring load supply PL
Vidaus ciklo laikas	< 1 ms
Parama konfigūruojant	ESI file
Communication interface, function	System communication XF20 OUT
Communication interface, connection type	Kištuko lizdas
Communication interface, connection technology	M8x1, D-coded to EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, connection pattern	00995937
Communication interface, protocol	AP
Communication interface, screening	Taip
Pastaba dėl darbinės įtampos	SELV/PELV fixed power supplies required Note voltage drop
Note on nominal operating voltage DC	Prot.Ext.Low-Volt. IEC 60204-1
Nominali darbinė įtampa, nuolatinės srovės išėjimui	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. 95 mA
Intrinsic current consumption at nominal operating voltage load	typ. 3 mA
Galios susilpnėjimo mažinimas	10 ms
Potential separation between the supply voltages electronics/sensors and load/valves	Taip
Apsaugotas nuo poliariškumo pakeitimo	Taip