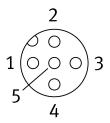
FESTO

Digital input/output module CPX-AP-A-12DI4DO-M12-5P Part number: 8129111





Data sheet

Dimensions W x L x H Width dimension Type of mounting Product weight	(incl. interlinking block) 50.1 mm x 107.3 mm x 57.5 mm 50.1 mm Screwed tightly 98 g Any -20 °C50 °C
Type of mounting	Screwed tightly 98 g Any
,,	98 g Any
Product weight	Any
	,
Mounting position	20.00 50.00
Ambient temperature	-20 °C50 °C
Note on ambient temperature	Observe ambient temperature derating according to IEC 61131-2:2017
Storage temperature	-20 °C70 °C
Relative air humidity	5 - 95 % Non-condensing
Max. installation height	3500 m
Information on max. installation height	> 2000 m ASL (< 79.5 kPa) Observe ambient temperature derating according to IEC 61131-2:2017
Corrosion resistance class (CRC)	1 - Low corrosion stress
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Note on vibration resistance	SG1 on H-rail SG2 on direct mounting Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Note on shock resistance	30 g/11 ms as per EN 60068-2-27 SG1 on H-rail SG2 on direct mounting Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27
Overvoltage category	II
Max. cable length	30 m outputs 30 m inputs
LABS (PWIS) conformity	VDMA24364-B2-L
Material fire test	UL94 V-0 (housing)

Feature	Value
Electrical connection output, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical output connection, number of pins/wires	5
Characteristic curve outputs	As per IEC 61131-2, type 0.5
Switching logic at outputs	PNP (positive switching)
Fuse protection outputs (short circuit)	Internal electronic fuse per channel
Behavior 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
Max. residual current of outputs per module	2 A
Electrical isolation of outputs between channels	no
Electrical isolation of outputs between channel - internal communication	yes
Max. power supply per channel	0.5 A