I/O module
CPX-2ZE2DA
Part number: 576046

FESTO
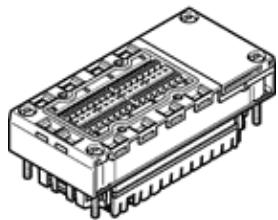
Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection technology) 50 mm x 107 mm x 50 mm
Grid dimension	50 mm
Product weight	130 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	IP65 IP67
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Max. line length	30 m
PWIS conformity	VDMA24364-B2-L
Authorization	UL - Recognized (OL)
Materials note	Conforms to RoHS
Material housing	Plastic
LED displays	1 group diagnostics 10 channel status 2 module diagnostics 2 channel diagnostics
Diagnosis	Operating mode-dependent diagnostics
No. of outputs	2
Parameters configuring	Switch-on/off delay Frequency output Speed measurement Pulse output Pulse train Rotational speed measurement Frequency measurement Cycle duration measurement Engine operating mode Determination of position Pulse width modulation One-off counting Continuous counting Periodic counting
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at operating voltage	Type 35 mA
No. of inputs	2
Input characteristics	Per IEC 1131-2, type 02
Switching level	Signal 0: <= 5 V Signal 1: >= 11 V
Input circuit logic	PNP (positive-switching)
Input debounce time	0.1 µs (0.2 µs, 0.4 µs, 0.8 µs, 1 µs, 2 µs, 4 µs, 8 µs, 10 µs, 50 µs, 100 µs, 500 µs, 1 ms, 3 ms, 10 ms, 20 ms parameterisable)
Max. residual current inputs per module	2 A

Feature	Value
Characteristic curve, outputs	IEC1131-T2
Switching logic, outputs	NPN (negative switching) PNP (positive-switching) Push-pull driver
Max. residual current outputs per module	10 A
Max. power supply per channel	5 A adjustable (20 W lamp load)
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Outputs - Yes, when using an intermediate supply
Protection (short circuit)	Internal electronic fuse protection per channel