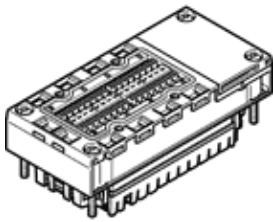


# input/output module CPX-2ZE2DA

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
No. of outputs	2
No. of inputs	2
Diagnosis	Operating mode-dependent diagnostics
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
LED displays	1 group diagnostics 10 channel status 2 module diagnostics 2 channel diagnostics
Input debounce time	0.1 $\mu$ s (0.2 $\mu$ s, 0.4 $\mu$ s, 0.8 $\mu$ s, 1 $\mu$ s, 2 $\mu$ s, 4 $\mu$ s, 8 $\mu$ s, 10 $\mu$ s, 50 $\mu$ s, 100 $\mu$ s, 500 $\mu$ s, 1 ms, 3 ms, 10 ms, 20 ms parameterisable)
Protection (short circuit)	Internal electronic fuse protection per channel
Operating voltage range DC	18 ... 30 V
Intrinsic current consumption at operating voltage	Type 35 mA
Max. power supply per channel	5 A adjustable (20 W lamp load)
Max. residual current outputs per module	10 A
Max. residual current inputs per module	2 A
Nominal operating voltage DC	24 V
Electrical isolation channel – internal bus	Outputs - Yes, when using an intermediate supply
Electrical isolation channel – channel	No
Switching level	Signal 0: $\leq$ 5 V Signal 1: $\geq$ 11 V
Authorisation	UL - Recognized (OL)
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Storage temperature	-20 ... 70 °C
Protection class	IP65 IP67
Ambient temperature	-5 ... 50 °C
Product weight	130 g
Characteristic curve, outputs	IEC1131-T2

Feature	Value
Input characteristics	Per IEC 1131-2, type 02
Max. line length	30 m
Input circuit logic	PNP (positive-switching)
Switching logic, outputs	NPN (negative switching) PNP (positive-switching) Push-pull driver
Materials note	Conforms to RoHS
Material housing	Plastic