

Input/output module CDPX-EA-V1

Part number: 575300

FESTO



 General operating condition

Data sheet

Feature	Value
Mounting depth	34 mm
Height	89 mm
Length	125 mm
Approval	C-Tick c UL us - Listed (Oil)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C ... 70 °C
Relative air humidity	5 - 85% Non-condensing
Degree of protection	IP20
Ambient temperature	0 °C ... 50 °C
Product weight	230 g
Note on materials	RoHS compliant
Digital input, number	20
Digital inputs, high-speed counter inputs	2
Digital inputs, incremental encoder connection	2
Digital inputs, input signal delay	0.1 ms 3 ms 10 ms 20 ms
Digital inputs, input voltage/current	24 VDC
Digital inputs, nominal value for TRUE	12 - 30 VDC
Digital inputs, nominal value for FALSE	0 V
Digital inputs, electrical isolation	Yes
Analogue inputs, number	4
Analogue inputs, resolution	12 bit
digital input, signal range	0 - 10 V 0 - 20 mA 8 single-ended/4 differential PT 100 ± 10 V
Analogue inputs, absolute accuracy at 25°C	0.1 %
Analogue inputs, linearity error at 25 °C	0.1 %FS
Analogue inputs, input resistance	47 Ohm
Digital outputs, number	12

Feature	Value
Digital outputs, output voltage	12 - 30 V DC
Digital outputs, output current	0.5 A
Digital outputs, electrical isolation	Yes
Digital outputs, short circuit current rating	Yes
Digital outputs, overload protection	Yes
Analogue outputs, number	4
Analogue outputs, resolution	12 bit
Analogue outputs, max. load impedance	470 Ohm
digital output, signal range	± 10 V
Analogue outputs, linearity error at 25°C	± 0.2%