

Input/output module CDPX-EA-V1

Part number: 575300

FESTO



Data sheet

Feature	Value
Installation depth	34 mm
Height	89 mm
Length	125 mm
Type code	CDPX
CE marking (see declaration of conformity)	As per EU EMC directive
Storage temperature	-20 °C ... 70 °C
Relative air humidity	5 - 85 % Non-condensing
Degree of protection	IP20
Ambient temperature	0 °C ... 50 °C
Certification	C-Tick c UL us - Listed (OL)
Product weight	230 g
Note on materials	RoHS-compliant
Digital inputs, number	20
Digital inputs, fast clock pulse 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 V DC
Digital inputs, nominal value for TRUE	12 - 30 V DC
Digital inputs, nominal value for FALSE	0 V
Digital inputs, electrical isolation	yes
Number of analog inputs	4
Analog inputs, resolution	12 bit
Analog inputs, signal range	0 - 10 V 0 - 20 mA ± 10 V 8 single-ended/4 difference PT 100
Analog inputs, absolute precision at 25°C	0.1 %
Analog inputs, linearity error at 25°C	0.1% FS
Analog inputs, input resistance	47 Ohm
Digital outputs, number	12
Digital outputs, output voltage	12 - 30 V DC
Digital outputs, output current	0.5 A

Feature	Value
Digital outputs, potential separation	yes
Digital outputs, short circuit current rating	yes
Digital outputs, overload protection	yes
Number of analog outputs	4
Analog outputs, resolution	12 bit
Analog outputs, max. load resistance	470 Ohm
Analog outputs, signal range	± 10 V
Analog outputs, linearity error at 25°C	± 0.2%