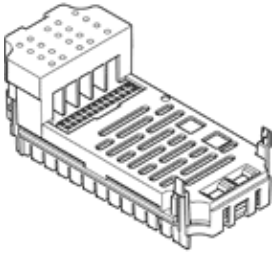


Analog module CPX-4AE-U-I

Part number: 573710

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
Product weight	46 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Max. line length	30 m Shielded
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC
LED displays	1 group diagnostics 4 channel diagnostics
Diagnosis	Wire break per channel Critical limit violation per channel parameterisation error Overflow/underflow Overload at input Short circuit in sensor supply
Parameters configuring	Data format Forcing per channel Limit monitoring/channel Measured value smoothing Sensor supply active Signal range per channel Behaviour after short circuit Behaviour after overload at input Monitoring of wire break/channel
Internal cycle time	500 µs
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Nominal DC operating voltage, load voltage	24V +/- 2%
Intrinsic current consumption at operating voltage	Typically 50 mA
No. of inputs	4
Data format	15 bits + prefix Can be scaled to 15 bit
Repetition accuracy	0.1% at 25° C
Basic error limit at 25 °C	±0,2 %
Operating error limit related to the ambient temperature range	±0,3 %
Sensor types	+/- 10V +/- 20mA +/- 5V 0 - 10 V

Feature	Value
	0 - 20 mA 1-5 V 4 - 20 mA
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Yes, without using the internal sensor supply
Protection (short circuit)	Internal electronic fuse