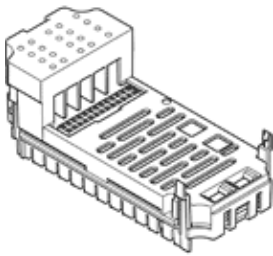


# Analog module CPX-4AE-U-I

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
No. of inputs	4
Diagnosis	<ul style="list-style-type: none"> <li>- Wire break per channel</li> <li>- Limit value violation per channel</li> <li>- Parameterization error</li> <li>- Overflow/underflow</li> <li>- Inlet overload</li> <li>- Short circuit of sensor supply</li> </ul>
Parameters configuring	<ul style="list-style-type: none"> <li>- Data format</li> <li>Forces per channel</li> <li>- Limit monitoring/channel</li> <li>- Measured value smoothing</li> <li>- Sensor supply active</li> <li>- Signal range per channel</li> <li>- Behavior after short circuit</li> <li>- Behaviour after inlet overload</li> <li>Monitoring of wire break/channel</li> </ul>
LED displays	<ul style="list-style-type: none"> <li>- 1 Group diagnosis</li> <li>- 4 Channel diagnosis</li> </ul>
Internal cycle time	500 µs
Repetition accuracy	0.1% at 25° C
Protection (short circuit)	Internal electronic fuse
Operating voltage range DC	18 ... 30 V
Intrinsic current consumption at operating voltage	Typically 50 mA
Operating error limit related to the ambient temperature range	+/- 0,3 %
Basic error limit at 25°C	+/- 0,2 %
Nominal DC operating voltage, load voltage	24V +/- 2%
Nominal operating voltage DC	24 V
Electrical isolation channel – internal bus	Yes, without using the internal sensor supply
Electrical isolation channel – channel	No
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Ambient temperature	-5 ... 50 °C
Product weight	46 g
Data format	15 bits + prefix Can be scaled to 15 bit
Max. line length	30 m Shielded
Sensor types	<ul style="list-style-type: none"> <li>+/- 10V</li> <li>+/- 20mA</li> <li>+/- 5V</li> <li>0 - 10 V</li> <li>0 - 20 mA</li> </ul>

Feature	Value
	1-5 V 4 - 20 mA
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC