

# Analogue module CPX-4AE-U-I

Part number: 573710

FESTO



## Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection system) 50 mm x 107 mm x 50 mm
Type code	CPX
No. of inputs	4
Diagnostics	Wire break per channel Limit value violation per channel Parameterization error Overflow/underflow Input overload Short circuit of sensor supply
Parameterization	Data format Forcing per channel Limit value monitoring per channel Measured value smoothing Sensor supply active Signal range per channel Response to short circuit Response to input overload Wire break monitoring per channel
LED indicators	1 group diagnostics 4 channel diagnostics
Internal cycle time	500 $\mu$ s
Repetition accuracy	0.1 % at 25 °C
Fuse protection (short circuit)	Internal electronic fuse
DC operating voltage range	18 V ... 30 V
Intrinsic current consumption at nominal operating voltage	Typ. 50 mA
Operating error limit related to the ambient temperature range	$\pm$ 0.3 %
Basic error limit at 25°C	$\pm$ 0.2 %
Nominal operating voltage DC load voltage	24V +/- 2%
Nominal operating voltage DC	24 V
Electrical isolation between channel and internal bus	Yes, without using the internal sensor supply
Electrical isolation between channels	no
Corrosion resistance class (CRC)	1 - Low corrosion stress (when installed)
Storage temperature	-20 °C ... 70 °C
Degree of protection	Depends on manifold block
Ambient temperature	-5 °C ... 50 °C
Product weight	46 g
Data format	15 bit + sign Scalable to 15 bits

Feature	Value
Max. cable length	30 m Shielded
Sensor type	+/- 10V +/- 20mA +/- 5V 0 - 10 V 0 - 20 mA 1-5 V 4 - 20 mA
Note on materials	RoHS-compliant
Housing material	PA-reinforced PC