Analogue module
CPX-4AE-U-I

Part number: 573710



Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection system) 50 mm x 107 mm x 50 mm
Product weight	46 g
Ambient temperature	-5 °C...50 °C
Storage temperature	-20 °C...70 °C
Degree of protection	Depending on terminal block
Corrosion resistance class (CRC)	1 - Low corrosion stress (installed)
Max. cable length	30 m Shielded
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Housing material	PA-reinforced PC
LED indicators	1 group diagnostics 4 channel diagnostics
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
Internal cycle time	500 µs
DC operating voltage range	18 V...30 V
Nominal operating voltage DC	24 V
Nominal operating voltage DC load voltage	24V +/- 2%
Intrinsic current consumption at nominal operating voltage	Type. 50 mA

Feature	Value
No. of inputs	4
Data format	15 bit + sign Scalable to 15 bits
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 type	+/- 10V +/- 20mA +/- 5V 0 - 10 V 0 - 20 mA 1-5 V 4 - 20 mA
Electrical isolation between channels	No
Electrical isolation between channel and internal bus	Yes, without using the internal sensor supply
Fuse protection (short circuit)	Internal electronic fuse