Analogue module
CPX-4AE-U-I

Part number: 573710



Data sheet

Feature	Value
Dimensions (W x L x H)	(incl. interlinking block and connection technology) 50 x 107 x 50 mm
Product weight	46 g
Ambient temperature	-5 °C...50 °C
Storage temperature	-20 °C...70 °C
Degree of protection	Dependent on the manifold block
Corrosion resistance class CRC	1 - Low corrosion stress (when installed)
Max. cable length	30 m Shielded
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Material housing	PA-reinforced PC
LED display	1 Group diagnostics 4 channel diagnostics
Diagnosis	Wire break per channel Limit value violation per channel Parameterisation error Overflow/underflow Input overload Short circuit of sensor supply
Parameterisation	Data format Forcing per channel Limit monitoring per channel Measured value smoothing Sensor supply active Signal range per channel Behaviour after short circuit Behaviour after input overload Wire break monitoring per channel
Internal cycle time	500 µs
Operational voltage range DC	18 V...30 V
Nominal operating voltage DC	24 V
Nominal DC operating voltage, load voltage	24 V +/-2%
Intern power consumption nominal operating voltage	Typ. 50 mA

Feature	Value
Number of inputs	4
Data format	15 bits + prefix Scalable to 15 bits
Repetition accuracy	0.1% at 25ºC
Basic error limit at 25 °C	±0.2%
Operating error limit related to the ambient temperature range	±0.3%
Sensor type	+/-10 V +/-20 mA +/-5 V 0 - 10 V 0 - 20 mA 1-5 V 4 - 20 mA
Isolation channel - channel	no
Isolation channel - internal bus	Yes, without using the internal sensor supply
Fuse protection (short circuit)	Internal electronic fuse