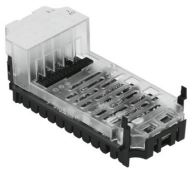
Analogue module
CPX-2AA-U-I

Part number: 526170



Data sheet

Feature	Value
Dimensions (W x L x H)	(incl. interlinking block and connection technology) 50 x 107 x 50 mm
Product weight	49 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
Material housing	PA-reinforced PC
LED display	1 Group diagnostics
Diagnosis	Wire break per channel Limit value violation per channel Short circuit of output signal per channel Short circuit of actuator supply Parameterisation error Undervoltage of outputs
Number of outputs	2
Parameterisation	Data format Fail-safe per channel Forcing per channel Limit monitoring per channel Idle mode per channel Measured value smoothing Signal range per channel Behaviour after short circuit Wire break monitoring per channel
Internal cycle time	4 ms
Operational voltage range DC	18 V...30 V
Nominal operating voltage DC	24 V
Intern power consumption nominal operating voltage	Typically 100 mA
Data format	12 bits + prefix Scalable to 15 bits

Feature	Value
Repetition accuracy	0.05% at 25ºC
Basic error limit at 25 °C	±0.5%
Operating error limit related to the ambient temperature range	±0.6%
Sensor type	0 - 10 V 0 - 20 mA 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