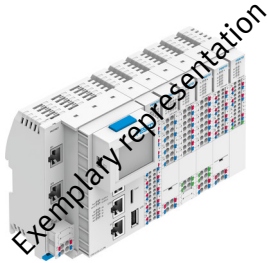


Automation system CPX-E /-EX1E

Part number: 5237644

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical control	Fieldbus Integrated controller
Grid dimension	18.9 mm
Type of mounting	With H-rail
Max. number of modules	10
Mounting position	Vertical Horizontal
Ambient temperature	-5 °C ... 50 °C
Note on ambient temperature	-5 - 60°C for vertical installation
Storage temperature	-20 °C ... 70 °C
Relative air humidity	95 % Non-condensing
Degree of protection	IP20
Corrosion resistance class CRC	0 - No corrosion stress
Vibration resistance	Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27
Protection against direct and indirect contact	PELV
LABS (PWIS) conformity	VDMA24364 zone III
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX) In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK EX instructions To UK RoHS instructions
KC mark	KC-EMV
Approval	RCM trademark c UL us listed (OL)
Explosion protection	Zone 2 (UKEX)
Explosion protection certification outside the EU	EPL Gc (GB)
Certificate issuing authority	UL E239998
Note on materials	RoHS-compliant
Material housing	PA
Diagnosis	Module-specific Via bus Via LED
Max. address volume, inputs	64 Byte
Max. address volume, outputs	64 Byte

Feature	Value
Internal cycle time	< 1 ms
Nominal DC operating voltage, electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25%
Max. power supply	8 A
Power failure bridging	10 ms
Reverse polarity protection	yes