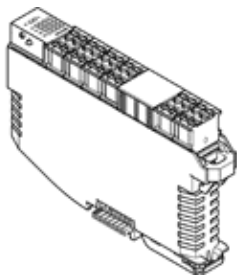


# digital output module

## CPX-E-8DO

Part number: 4080491

FESTO



### Data sheet

Feature	Value
Dimensions W x L x H	18,9 mm x 76,6 mm x 124,3 mm
Grid dimension	18.9 mm
Mounting type	with top-hat rail
Product weight	93 g
Assembly position	Vertical Horizontal
Ambient temperature	-5 ... 50 °C
Note on ambient temperature	-5 - 60°C for vertical installation
Storage temperature	-20 ... 70 °C
Relative air humidity	95 % non-condensing
Protection class	IP20
Corrosion resistance classification CRC	0 - No corrosion stress
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Protection against direct and indirect contact	Protective extra-low voltage with safe disconnection (PELV)
Max. line length	30 m outputs
PWIS conformity	VDMA24364 zone III
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Authorisation	RCM Mark c UL us - Listed (OL)
Certificate issuing department	UL E239998
Materials note	Conforms to RoHS
Material housing	PA
Material screws	Galvanised steel
Diagnostics via LED	Error per channel Error per module Status per channel
Diagnostics via bus	Module error Short circuit/overload at output Undervoltage in load supply
Maximum address volume for outputs	1 Byte
No. of outputs	8
Module parameters	Diagnostics for undervoltage in load supply Behaviour after short circuit/overload Short circuit diagnostics at output
Channel parameters	Force channel x
Power supply, type of connection	Terminal strip
Power supply, connection technology	Cage clamp terminal
Power supply, number of pins/wires	4

Feature	Value
Nominal operating voltage, DC outputs	24 V
Permissible voltage fluctuations, load	± 25 %
Power supply, conductor diameter	0.2 ... 1.5 mm <sup>2</sup>
Power supply, note on conductor diameter	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
Intrinsic current consumption at nominal operating voltage load	Typically 34 mA
Polarity protected	24 V load against 0 V load
Electrical connection, output, function	Digitalausgang
Electrical connection, output, connection type	4x terminal strips
Electrical connection, output, connection technology	Cage clamp terminal
Electrical connection, output, number of pins/wires	4
Electrical connection for output, conductor cross section	0.2 ... 1.5 mm <sup>2</sup>
Electrical connection for output, note on conductor cross section	0.2 - 2.5 mm <sup>2</sup> for flexible conductors without wire end sleeves
Characteristic curve, outputs	to IEC 61131-2, type 0.5
Switching logic, outputs	PNP (positive-switching)
Behaviour after end of overload of the outputs	No automatic return (default) Parameterisable (module by module)
Max. residual current outputs per module	4 A
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Yes
Protection (short circuit)	Internal electronic fuse protection per channel