

# electrical interface

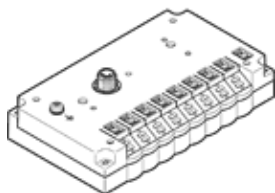
## CPV14-GE-PT-8

Part number: 1564984

Classic - do not use for new projects

FESTO

Modern alternatives can be found by entering the first four characters of the type code in the search field.



## Data sheet

Feature	Value
Dimensions W x L x H	89 mm x 152 mm x 38,25 mm
Diagnosis	Load supply undervoltage
Assembly position	Any
Max. number of valve positions	8
Polarity protected	for operating voltage
Baud rate	38,4 kbit/s, 230,4 kbit/s
Operating voltage range, DC electronics/sensors	18 ... 30 V
DC operating voltage, load voltage	21.6 ... 26.4 V
Intrinsic current consumption at load voltage	700 mA
Intrinsic current consumption at operating voltage	35 mA
Nominal DC operating voltage, load voltage	24 V
Nominal voltage DC	24 V
Nominal operating voltage DC	24 V
Protocol	I-Port IO-Link
ATEX category Gas	II 3G
Explosion ignition protection type Gas	Ex ec IIC Gc X
Explosion protection certification outside the EU	EPL Gc (GB)
KC mark	KC-EMV
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ... 70 °C
Relative air humidity	93 % non-condensing
Protection class	IP65
Ambient temperature	-5 ... 50 °C
Product weight	108.5 g
IO-Link, connection technology	Device, 5-pin
IO-Link, protocol	Device V 1.0
IO-Link, communication mode	COM2 (38,4 kBaud), COM3 (230,4 kBaud)
IO-Link, port type	B
IO-Link, number of ports	1
IO-Link, process data width OUT	2 Byte
IO-Link, minimum cycle time	Device 3,2 ms
Bus-specific LED display	1 x communication status
Product-specific LED display	16x valve status
Material cover	PA
Material seals	NBR
Material housing	Aluminium PA
Material threaded sleeve	Brass
Materials note	Conforms to RoHS