

# Electrical interface CPV14-GE-PT-8

Part number: 1564984

**FESTO**



## Data sheet

Feature	Value
Dimensions (W x L x H)	89 x 152 x 38.25 mm
Diagnosis	Undervoltage of load supplies
Mounting position	optional
Max. number of valve positions	8
Reverse polarity protection	For operating voltage
Baud rate	38.4 kbit/s, 230.4 kbit/s
Operating voltage range DC electronics/sensors	18 V...30 V
Operating voltage DC load voltage	21.6 V...26.4 V
Internal current consumption, load voltage	700 mA
Internal current consumption, operating voltage	35 mA
Nominal DC operating voltage, load voltage	24 V
Nominal load voltage DC	24 V
Nominal operating voltage DC	24 V
Protocol	I-Port IO-Link®
ATEX category gas	II 3G
Explosion ignition protection type for gas	Ex ec IIC Gc X
Explosion protection certification outside the EU	EPL Gc (GB)
Explosion protection	Zone 2 (ATEX) Zone 2 (UKEX)
KC mark	KC-EMV
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...70 °C
Relative air humidity	93% Non-condensing
Degree of protection	IP65
Ambient temperature	-5 °C...50 °C
Product weight	108.5 g
IO-Link, connection technology	Device, 5-pin
IO-Link, Protocol version	Device V 1.0
IO-Link, communication mode	COM2 (38.4 kBaud), COM3 (230.4 kBaud)

<b>Feature</b>	<b>Value</b>
IO-Link, Port class	B
IO-Link, Number of ports	1
IO-Link, Process data length OUT	2 bytes
IO-Link, Min. cycle time	Device 3.2 ms
LED display, bus-specific	1x communication status
LED display, product-specific	16x valve status
Material cover	PA
Material seals	NBR
Material housing	Aluminium PA
Material threaded sleeve	Brass
Note on materials	RoHS-compliant