

# Electrical interface CPV14-GE-PT-8

Part number: 1564984

FESTO



 General operating condition

## Data sheet

| Feature                                            | Value                             |
|----------------------------------------------------|-----------------------------------|
| Dimensions W x L x H                               | 89 mm x 152 mm x 38.25 mm         |
| Diagnostics                                        | Load supply undervoltage          |
| Mounting position                                  | Any                               |
| Max. no. of valve positions                        | 8                                 |
| Reverse polarity protection                        | For operating voltage             |
| Baud rate                                          | 38.4 kbps, 230.4 kbps             |
| Operating voltage range DC electronics/sensors     | 18 V ... 30 V                     |
| DC load voltage operating voltage range            | 21.6 V ... 26.4 V                 |
| Intrinsic current consumption at load voltage      | 700 mA                            |
| Intrinsic current consumption at operating voltage | 35 mA                             |
| Nominal operating voltage DC load voltage          | 24 V                              |
| Nominal voltage DC                                 | 24 V                              |
| Nominal operating voltage DC                       | 24 V                              |
| Protocol                                           | I-Port<br>IO-Link®                |
| ATEX category gas                                  | II 3G                             |
| Type of ignition protection for gas                | Ex ec IIC Gc X                    |
| Explosion protection certification outside the EU  | EPL Gc (GB)                       |
| Explosion prevention and protection                | Zone 2 (ATEX)<br>Zone 2 (UKEX)    |
| KC characters                                      | 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%<br>Non-condensating           |
| 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 kBd), COM3 (230.4 kBd) |
| IO-Link®, port class                               | B                                 |
| IO-Link®, number of ports                          | 1                                 |
| IO-Link®, process data width OUT                   | 2 bytes                           |
| IO-Link®, minimum cycle time                       | Device 3.2 ms                     |

| <b>Feature</b>                 | <b>Value</b>             |
|--------------------------------|--------------------------|
| LED display (bus-specific)     | 1 x communication status |
| LED display (product-specific) | 16x valve status         |
| Cover material                 | PA                       |
| Seals material                 | NBR                      |
| Housing material               | Aluminum<br>PA           |
| Threaded sleeve material       | Brass                    |
| Note on materials              | RoHS compliant           |