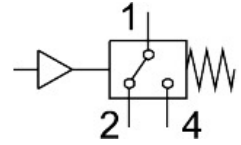


# PE converter VPE-1/8-2N-SW

Part number: 12595

FESTO



[General operating condition](#)

## Data sheet

| Feature                                      | Value                                                |
|----------------------------------------------|------------------------------------------------------|
| Conforms to standard                         | EN 60947-5-1                                         |
| Symbol                                       | 00995409                                             |
| CE mark (see declaration of conformity)      | To EU Low Voltage Directive                          |
| UKCA marking (see declaration of conformity) | To UK regulations for electrical equipment           |
| Measured variable                            | Relative pressure                                    |
| Measurement method                           | Pneumatic/electric pressure transducer               |
| Operating pressure                           | -0.095 MPa ... 0 MPa                                 |
| Operating pressure                           | -0.95 bar ... 0 bar                                  |
| Max. overload pressure                       | 1 bar                                                |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:4:4]            |
| Note on operating and pilot medium           | Lubricated operation possible                        |
| Media temperature                            | 0 °C ... 60 °C                                       |
| Ambient temperature                          | 0 °C ... 60 °C                                       |
| Switching output                             | Contacting                                           |
| Switching function                           | Threshold value with fixed hysteresis                |
| Switching element function                   | Changeover switch                                    |
| Switch-on point                              | -0.25 bar                                            |
| Switch-off point                             | ≤0.1 bar                                             |
| Max. switching frequency                     | 1 Hz                                                 |
| Min. load current                            | 100 mA                                               |
| Operational voltage range AC                 | 12 V ... 250 V                                       |
| Operational voltage range DC                 | 12 V ... 250 V                                       |
| Utilisation category - inductive load        | AC-14<br>DC-13                                       |
| Utilisation category - resistive load        | AC-12<br>DC-12                                       |
| Electrical connection                        | 3 connector leads                                    |
| Electrical connection 1, connector system    | Open end                                             |
| Cable length                                 | 0.5 m                                                |
| Material cable sheath                        | PVC                                                  |
| Type of mounting                             | Either:<br>On 2n mounting frame<br>With through-hole |
| Mounting position                            | optional                                             |
| Pneumatic connection                         | G1/8                                                 |

| Feature                        | Value                          |
|--------------------------------|--------------------------------|
| Material housing               | POM<br>Steel<br>VMQ (silicone) |
| Material switch contact        | Silver                         |
| Material electrical connection | Tin-plated                     |
| Material membrane              | Chloroprene rubber             |
| Setting options                | Permanently set                |
| Degree of protection           | IP67                           |
| Insulation voltage             | 2000 V                         |
| LABS (PWIS) conformity         | VDMA24364-B1/B2-L              |
| Pollution degree               | 3                              |