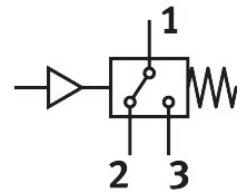



# PE converter PE-VK-5.1

Part number: 7451

FESTO



 General operating condition

## Data sheet

| Feature                                      | Value                                      |
|--|--|
| Conforms to standard                         | EN 60947-5-1                               |
| Symbol                                       | 00991470                                   |
| Approval                                     | CCC  |
| 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 MPa ... 0.025 MPa                        |
| Operating pressure                           | 0 bar ... 0.25 bar                         |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7::-:]  |
| Note on operating and pilot medium           | Lubricated operation not possible          |
| Ambient temperature                          | -10 °C ... 50 °C                           |
| Switching output                             | Contacting                                 |
| Switching function                           | Threshold value with fixed hysteresis      |
| Switching element function                   | Changeover switch                          |
| Switch-on point                              | 5.0E-4 bar                                 |
| Switch-off point                             | 1.0E-4 bar                                 |
| Max. switching output voltage AC             | 250 V                                      |
| Max. switching output voltage DC             | 250 V                                      |
| Utilisation category - inductive load        | AC-14<br>DC-13                             |
| Utilisation category - resistive load        | AC-12<br>DC-12                             |
| Electrical connection                        | Cable                                      |
| Electrical connection 1, connection type     | Cable                                      |
| Electrical connection 1, connector system    | Open end                                   |
| Cable length                                 | 1 m  |
| Material cable sheath                        | PVC  |
| Type of mounting                             | With through-hole                          |
| Mounting position                            | optional                                   |
| Pneumatic connection                         | M5   |
| Product weight                               | 250 g                                      |

| <b>Feature</b>         | <b>Value</b>                                    |
|------------------------|---|
| Material housing       | ABS<br>Die-cast aluminium<br>Anodised aluminium |
| Setting options        | Permanently set                                 |
| Degree of protection   | IP62  |
| Insulation voltage     | 2000 V  |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L                               |
| Pollution degree       | 3   |