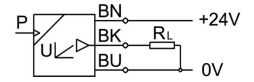


# Pressure transmitter SPTE-V1R-Q3-B-2.5K

Part number: 571471

**FESTO**



## Data sheet

| Feature                                    | Value                                               |
|--------------------------------------------|-----------------------------------------------------|
| Type code                                  | SPTE                                                |
| Symbol                                     | 00992257                                            |
| Certification                              | RCM compliance mark<br>c UL us - Recognized (OL)    |
| CE marking (see declaration of conformity) | As per EU EMC directive<br>As per EU RoHS directive |
| KC characters                              | KC EMC                                              |
| Certificate issuing authority              | UL E322346                                          |
| Note on materials                          | RoHS-compliant                                      |
| Measured variable                          | Relative pressure                                   |
| Method of measurement                      | Piezoresistive pressure sensor                      |
| Pressure measuring range initial value     | 0 bar                                               |
| Pressure measuring range end value         | -1 bar                                              |
| Max. overload pressure                     | 5 bar                                               |
| Operating medium                           | Compressed air as per ISO 8573-1:2010 [7:4:4]       |
| Information on operating and pilot media   | Operation with oil lubrication possible             |
| Temperature of medium                      | 0 °C ... 50 °C                                      |
| Ambient temperature                        | 0 °C ... 50 °C                                      |
| Accuracy in ± % FS                         | 3 %FS                                               |
| Repetition accuracy in ± %FS               | 0.3 %FS                                             |
| Temperature co-efficient in ± %FS/K        | 0.05 %FS/K                                          |
| Analog output                              | 1 - 5 V                                             |
| Rise time                                  | 1 ms                                                |
| Min. load resistance of voltage output     | 15 kOhm                                             |
| Short-circuit protection                   | For all electrical connections                      |
| DC operating voltage range                 | 10 V ... 30 V                                       |
| Reverse polarity protection                | for all electrical connections                      |
| Electrical connection                      | 3-wire<br>Cable<br>Open end                         |
| Cable length                               | 2.5 m                                               |
| Type of mounting                           | With accessories                                    |
| Mounting position                          | Any                                                 |
| Pneumatic connection                       | QS-3                                                |
| Product weight                             | 35 g                                                |
| Housing material                           | PA-reinforced                                       |
| Sealing ring material                      | NBR                                                 |

| Feature                          | Value                         |
|----------------------------------|-------------------------------|
| Degree of protection             | IP40                          |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |