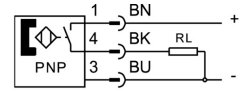
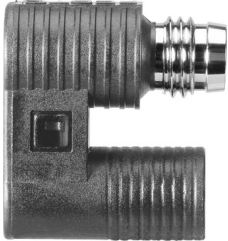


# Proximity sensor SMT0-4U-PS-S-LED-24

Part number: 152742

**FESTO**



## Data sheet

| Feature                                    | Value                            |
|--------------------------------------------|----------------------------------|
| Type code                                  | SMT0                             |
| Design                                     | Round                            |
| Symbol                                     | 00991153                         |
| Certification                              | RCM compliance mark              |
| CE marking (see declaration of conformity) | As per EU EMC directive          |
| Note on materials                          | Free of copper and PTFE          |
| Measuring principle                        | Magneto-inductive                |
| Ambient temperature                        | -25 °C ... 70 °C                 |
| Switching output                           | PNP                              |
| Switching element function                 | N/O contact                      |
| Reproducibility of switching value         | +/- 0.1 mm                       |
| On time                                    | 0.5 ms                           |
| Switch-off time                            | 0.5 ms                           |
| Max. output current                        | 200 mA                           |
| Max. switching capacity DC                 | 6 W                              |
| Voltage drop                               | <math>\leq 2\text{ V}</math>     |
| Residual current                           | <math>\leq 0.01\text{ mA}</math> |
| Short-circuit protection                   | Pulsed                           |
| Overload protection                        | Available                        |
| DC operating voltage range                 | 10 V ... 30 V                    |
| Reverse polarity protection                | for all electrical connections   |
| Electrical connection                      | 3-pin<br>Plug<br>M8x1            |
| Connection outlet orientation              | Longitudinal                     |
| Max. tightening torque plug                | 0.3 Nm                           |
| Type of mounting                           | With accessories                 |
| Max. tightening torque                     | 0.8 Nm                           |
| Product weight                             | 6 g                              |
| Housing material                           | PUR<br>PET<br>PA                 |
| Switching status indication                | LED yellow                       |
| Degree of protection                       | IP67                             |