

## Retro-Reflective Sens SOEG-RSP-M18-PS-K-2L - Festo 537697

Item no. FES-537697

Manufacturer Festo

EAN 4052568088705

Festo pneumatic component for industrial automation and compressed-air applications in proven quality.

### TECHNICAL DATA

Corrosion resistance class  
CRC

**1 - low corrosion stress**

Design **round**

HS-Code **85365019**

Material **Brass**

Norm **EN 60947-5-2**

Protection rating **IP65**

Series **SOEG**

Temperature (max.) **55**

Weight **0.145 kg**



### DESCRIPTION

Festo pneumatic component for industrial automation and compressed-air applications in proven quality. The key technical data of this genuine Festo article are listed below.

|                                                |                                      |
|------------------------------------------------|--------------------------------------|
| Design                                         | round                                |
| Complies to standard                           | EN 60947-5-2                         |
| Permission                                     | RCM mark<br>c UL us - Listed (OL)    |
| CE certificate (see declaration of conformity) | to EU EMC directive                  |
| Material information                           | Copper and PTFE-free                 |
| Measured parameter                             | Position                             |
| Measurement principle                          | Optoelectronic                       |
| Measurement process                            | retroreflective photoelectric sensor |
| Light type                                     | Red polarised                        |
| Range [mm]                                     | 2000                                 |
| ambient temperature [°C]                       | -25 to 55                            |
| Control output                                 | PNP                                  |
| Switching element function                     | Dark switching                       |
| Max. switching frequency [Hz]                  | 1.000                                |

|                                                      |                                |
|------------------------------------------------------|--------------------------------|
| Max. output current [mA]                             | 200                            |
| Voltage drop [V]                                     | &lt;= 2 V                      |
| Short circuit resistance                             | Cycling                        |
| Operating voltage range DC [V]                       | 10 to 36                       |
| residual ripple                                      | 20 %                           |
| Empty run current [mA]                               | 15                             |
| Reverse polarity protection                          | for all electrical connections |
| Electrical connection                                | 3-wire<br> cable               |
| Cable length [MTR]                                   | 2,5                            |
| Cable sleeve material                                | TPE-U(PUR)                     |
| size                                                 | M18x1                          |
| Fastening type                                       | With locking nut               |
| Torque [Nm]                                          | 20                             |
| Product weight [g]                                   | 121                            |
| Housing material                                     | brass<br>Chrome plated         |
| Locking nut material                                 | brass<br>Chrome plated         |
| Switching status indicator                           | LED yellow                     |
| Functional reserve display                           | LED green                      |
| Ambient temperature for moving cable placements [°C] | -5 to 55                       |
| Protection category                                  | IP65<br>IP67                   |
| Corrosion resistant class KBK                        | 1 - low corrosion stress       |