

## Proximity Sensor SIEN-M30B-PS-S-L - Festo 150435

Item no. FES-150435

Manufacturer Festo

EAN 4052568069452

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system.

### TECHNICAL DATA

|                    |              |
|--------------------|--------------|
| HS-Code            | 85365019     |
| Material           | Brass        |
| Norm               | EN 60947-5-2 |
| Protection rating  | IP67         |
| Series             | SIEN         |
| Temperature (max.) | 70           |
| Weight             | 0.125 kg     |



### DESCRIPTION

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system. The key technical data of this genuine Festo article are listed below.

|                                                |                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 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<br>RoHs compliant                                                                  |
| Measurement switching distance [mm]            | 10,0                                                                                                    |
| Secured safety distance [mm]                   | 8,10                                                                                                    |
| Reduction factors                              | aluminium = 0,45<br>stainless steel St 18/8 = 0,8<br>Copper = 0.4<br>Steel pc. 37 = 1.0<br>brass = 0,55 |
| ambient temperature [°C]                       | -25 to 70                                                                                               |
| Repeatability [mm]                             | 0,50                                                                                                    |
| Control output                                 | PNP                                                                                                     |
| Switching element function                     | NO contact                                                                                              |
| Max. switching frequency [Hz]                  | 1.200                                                                                                   |

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Max. output current [mA]                             | 200                                  |
| Voltage drop [V]                                     | <= 2 V                               |
| Short circuit resistance                             | Cycling                              |
| Operating voltage range DC [V]                       | 10 to 30                             |
| residual ripple                                      | ± 20 %                               |
| Empty run current [mA]                               | <= 10 mA                             |
| Reverse polarity protection                          | for all electrical connections       |
| Electrical connection                                | M12x1<br>3 pin<br>Plug               |
| size                                                 | M30x1,5                              |
| Fastening type                                       | With locking nut                     |
| Integration type                                     | flush                                |
| Product weight [g]                                   | 100,0                                |
| Housing material                                     | PA<br>PBTP<br>brass<br>Chrome plated |
| Switching status indicator                           | LED yellow                           |
| Protection category                                  | IP67                                 |
| Ambient temperature for moving cable placements [°C] | -5 to 70                             |
| Surge voltage strength [kV]                          | 0,8                                  |
| Degree of contamination                              | 3                                    |
| Hysteresis [mm]                                      | <= 1,1 mm                            |
| Torque [Nm]                                          | 40                                   |