



# S62

## 956201890

### S62-PA-2-M11-PP

THE MOST COMPLETE UNIVERSAL SENSOR IN A  
COMPACT 50 X 50 MM HOUSING

## TECHNICAL FEATURES

### Detection properties

Sensitivity adjustment

Trimmer

### Application

Optic position

axial

### Outputs

Output type

### Electrical data

No-Load supply current

$\leq 30\text{mA}$

Load current

$\leq 100\text{mA}$

Output voltage drop

$\leq 2\text{V}@I_{\text{load}}=100\text{mA}$

Short-circuit protection

YES

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Reverse Polarity Protection      | Yes                                             |
| Interference to external light   | according to EN 60947-5-2 : 2020                |
| Impulsive Overvoltage Protection | Yes                                             |
| Insulation resistance            | >20 MΩ 500 Vdc, between electronics and housing |
| Contact resistance               | 500 Vac 1 min., between electronics and housing |

#### Mechanical data

|                      |                |
|----------------------|----------------|
| Housing material     | ABS / PMMA     |
| Active Head Material | PMMA           |
| Storage temperature  | - 25°C...+70°C |
| Diameter/Dimension   | Cubic          |

#### Test/Approvals

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Approvals             | CE cULus                                                               |
| Shocks and vibrations | 0.5 mm amplitude, 10 ... 55 Hz frequency, for every axis (EN60068-2-6) |

#### Generical Data

|                       |      |
|-----------------------|------|
| Mechanical Protection | IP67 |
|-----------------------|------|

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**date of  
printing**  
10/08/2026  
07:16:24

