



# SS-SP

## SSU/00-0A

Photo.M18,IR emiss.,Cable,Emitter  
M18 DC WITH LATERAL ADJUSTMENT

## OVERVIEW

- Models with side sens. adjustment on axial and right angle optic
- LO/DO selectable output
- ATEX models, cat. 3, available on request
- LED status indicator for all versions
- Complete protection against electrical damages
- IP67 protection degree for all models
- Approvals: CE and cULus listed



## TECHNICAL FEATURES

### Detection properties

|                          |                    |
|--------------------------|--------------------|
| Nominal sensing distance | 3m (SSU), 8m (SSG) |
|--------------------------|--------------------|

|                     |                |
|---------------------|----------------|
| Thermal drift of Sr | $\leq 10\%$ Sr |
|---------------------|----------------|

|                 |    |
|-----------------|----|
| Repeat Accuracy | 5% |
|-----------------|----|

|                        |    |
|------------------------|----|
| Sensitivity adjustment | No |
|------------------------|----|

### Application

|                                  |                     |
|----------------------------------|---------------------|
| Function Principle               | Emitter             |
| Emitter/Receiver                 | Emitter             |
| Optic position                   | Axial               |
| Outputs                          |                     |
| Output type                      |                     |
| Electrical data                  |                     |
| Operating Voltage                | 10...30VDC          |
| No-Load supply current           | ≤ 25mA              |
| Max ripple content               | ≤10%                |
| LED indicators                   | Yellow(powerON)     |
| Time delay before availability   | ≤200ms              |
| Short-circuit protection         | Yes                 |
| Reverse Polarity Protection      | Yes                 |
| Emission                         | LED Red (660nm)     |
| Impulsive Overvoltage Protection | Yes                 |
| Mechanical data                  |                     |
| Dimensions                       | M18 x 1/L=63,9mm    |
| Housing material                 | PBT / PC cable exit |
|                                  |                     |

|                       |                                   |
|-----------------------|-----------------------------------|
| Weight                | 70g                               |
| Connections           | 2m PVC cable                      |
| Active Head Material  | PMMA                              |
| Tightening torque     | 1Nm                               |
| Operating temperature | - 25°C...+ 70° C (Without freeze) |
| Diameter/Dimension    | M18                               |

### Test/Approvals

|                       |                                                |
|-----------------------|------------------------------------------------|
| Approvals             | CE cULus                                       |
| EMC compatibility     | EN 60947-5-2                                   |
| Shocks and vibrations | Vibration IEC 60068-2-6 / Shock IEC 60068-2-27 |
| Degree of protection  | IP67                                           |

### Accessories

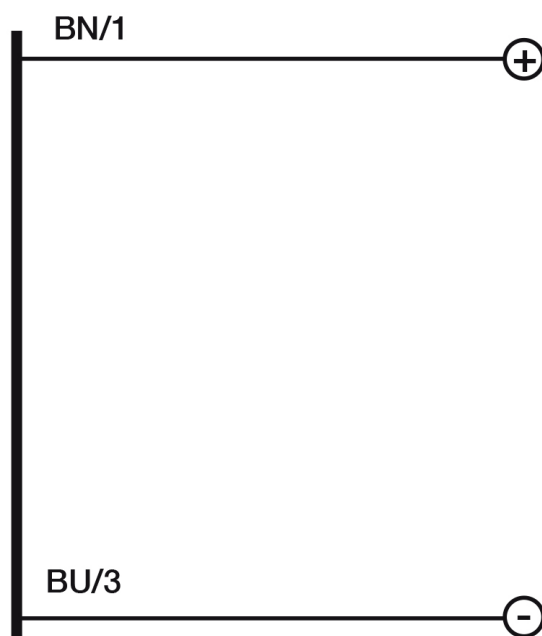
|                      |              |
|----------------------|--------------|
| Supplied Accessories | nuts M18 x 1 |
|----------------------|--------------|

### Generical Data

|                       |                                  |
|-----------------------|----------------------------------|
| Dimensions            | M18 x 1/L=63,9mm                 |
| Operating Temperature | - 25°C...+ 70°C (Without freeze) |
| Mechanical Protection | IP67                             |

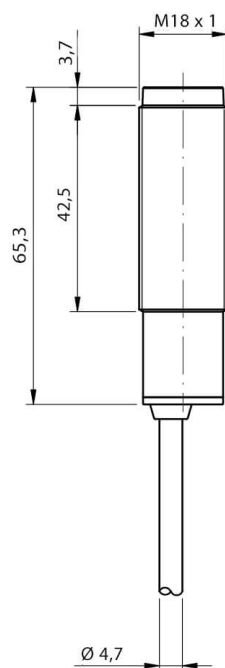
# CONNECTIONS

Eletrical diagram

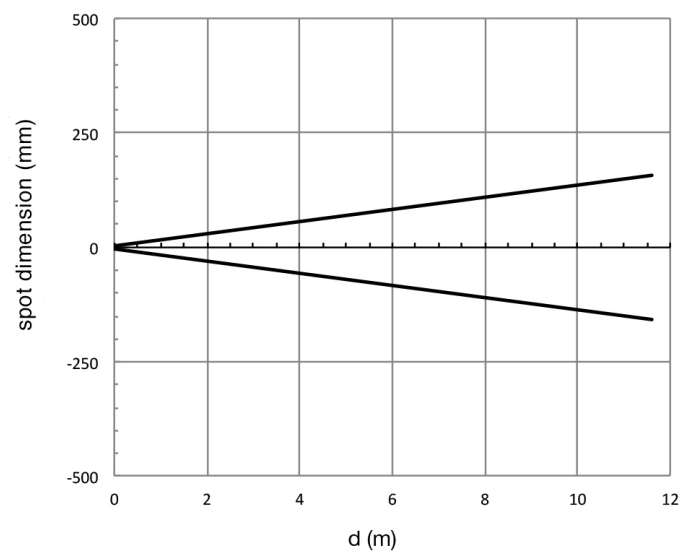


## OTHERS

Dimensions



Response curves



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