



### Model Number

**SJ15-A-5M**

### Features

- 15 mm slot width
- 4-wire DC

## Technical Data

### General specifications

|                              |               |
|------------------------------|---------------|
| Switching function           | complementary |
| Output type                  | NPN           |
| Slot width                   | 15 mm         |
| Depth of immersion (lateral) | 17 ... 20 mm  |
| Output polarity              | DC            |
| Output type                  | 4-wire        |

### Nominal ratings

|                             |       |                            |
|-----------------------------|-------|----------------------------|
| Nominal voltage             | $U_o$ | 8 V                        |
| Operating voltage           | $U_B$ | 10 ... 30 V DC             |
| Switching frequency         | $f$   | 0 ... 500 Hz               |
| Reverse polarity protection |       | reverse polarity protected |
| Short-circuit protection    |       | pulsing                    |
| Voltage drop                | $U_d$ | $\leq 3$ V                 |
| Operating current           | $I_L$ | 0 ... 200 mA               |
| No-load supply current      | $I_o$ | $\leq 20$ mA               |

### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 70 °C (-13 ... 158 °F) |
|---------------------|--------------------------------|

### Mechanical specifications

|                      |                      |
|----------------------|----------------------|
| Connection type      | cable PVC, 5 m       |
| Core cross-section   | 0.75 mm <sup>2</sup> |
| Housing material     | PBT                  |
| Degree of protection | IP67                 |

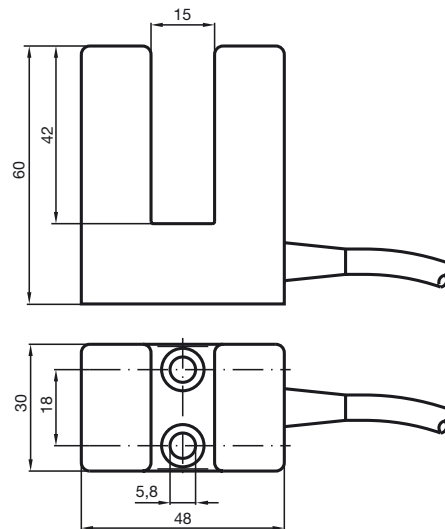
### Compliance with standards and directives

|                     |                                         |
|---------------------|-----------------------------------------|
| Standard conformity |                                         |
| Standards           | EN 60947-5-2:2007<br>IEC 60947-5-2:2007 |

### Approvals and certificates

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| UL approval  | cULus Listed, General Purpose                                      |
| CSA approval | cCSAus Listed, General Purpose                                     |
| CCC approval | CCC approval / marking not required for products rated $\leq 36$ V |

## Dimensions



## Electrical Connection

