



## Model Number

**SJ30-A2-6M**

## Features

- 30 mm slot width
- 4-wire DC

## Technical Data

### General specifications

|                              |               |
|------------------------------|---------------|
| Switching function           | complementary |
| Output type                  | PNP           |
| Slot width                   | 30 mm         |
| Depth of immersion (lateral) | 27 ... 31 mm  |
| Output polarity              | DC            |
| Output type                  | 4-wire        |

### Nominal ratings

|                             |       |                            |
|-----------------------------|-------|----------------------------|
| Operating voltage           | $U_B$ | 10 ... 30 V DC             |
| Switching frequency         | $f$   | 0 ... 150 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      | $I_0$ | $\leq 20$ mA               |

### Ambient conditions

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

### Mechanical specifications

|                      |                       |
|----------------------|-----------------------|
| Connection type      | 4-wire                |
| Core cross-section   | 0.75 mm <sup>2</sup>  |
| Housing material     | ABS                   |
| Degree of protection | IP67                  |
| Cable                |                       |
| Cable diameter       | 6.8 mm $\pm$ 0.2 mm   |
| Bending radius       | > 10 x cable diameter |

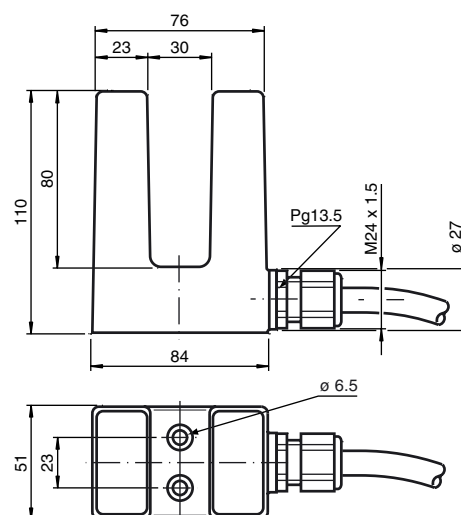
### Compliance with standards and directives

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Standard conformity |                                                                                             |
| Standards           | EN 60947-5-2:2007<br>EN 60947-5-2/A1:2012<br>IEC 60947-5-2:2007<br>IEC 60947-5-2 AMD 1:2012 |

### 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

