



## Model Number

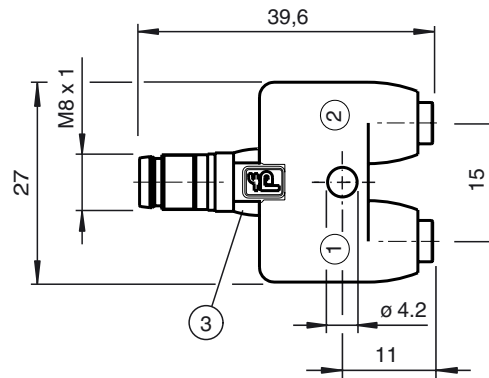
**V31S-GR-Y-V3/V3-GR**

Y-Splitter M8 plug snap-lock 4-pin to 2x  
M8 socket snap-lock 3-pin

## Features

- Easy merging of two signals at a single M8 slot
- Snap locking
- Gold plated contacts
- Free from substances that impair paint wetting
- Degree of protection IP65

## Dimensions



## Technical data

## General specifications

|                     |                 |
|---------------------|-----------------|
| Number of pins      | 4 / 3           |
| Connection 1        | socket          |
| Construction type 1 | straight        |
| Threading 1         | M8 Snap locking |
| Connection 2        | socket          |
| Construction type 2 | straight        |
| Threading 2         | M8 Snap locking |
| Connection 3        | Male connector  |
| Construction type 3 | straight        |
| Threading 3         | M8 Snap locking |

## Electrical specifications

|                   |       |                 |
|-------------------|-------|-----------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC |
| Operating current | $I_B$ | max. 3 A        |

### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 80 °C (-40 ... 176 °F) |
| Pollution degree    | 3                              |

### Mechanical specifications

|                      |                                                      |
|----------------------|------------------------------------------------------|
| Contact elements     | spring-loaded contact socket                         |
| Degree of protection | IP65                                                 |
| Connection           | 1 x M8 straight connector<br>2 x M8 socket, straight |

## Material

|                 |            |
|-----------------|------------|
| Contacts        | CuZn       |
| Contact surface | Au         |
| Body            | TPU, black |

### Flammability

|               |     |
|---------------|-----|
| Housing       | V-0 |
| Mating cycles | 100 |

### Compliance with standards and directives

|                      |                                    |
|----------------------|------------------------------------|
| Standard conformity  |                                    |
| Degree of protection | EN 60529                           |
| Flammability         | IEC 60332-1-2                      |
| Specification        | connector M8 x 1 : IEC 61076-2-104 |



Electrical connection

