



### Model Number

**V31S-GM-Q4**

Field-attachable male connector, M8, 4-pin

### Features

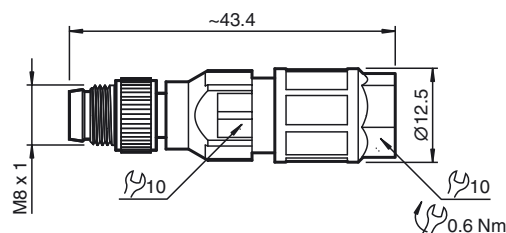
- Insulation displacement connection

### Accessories

**MH V3-SCREWDRIVER**  
torque screwdriver (0.2 Nm)

**MH V3-BIT M8**  
plug-in cap for M8

## Dimensions



## Technical data

### General specifications

|                     |                |
|---------------------|----------------|
| Number of pins      | 4              |
| Connection 1        | Male connector |
| Construction type 1 | straight       |
| Threading 1         | M8             |
| UL File Number      | E191152        |

### Electrical specifications

|                   |       |                 |
|-------------------|-------|-----------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC |
| Operating current | $I_B$ | max. 4 A        |
| Volume resistance |       | < 5 m $\Omega$  |

### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 80 °C (-13 ... 176 °F) |
| Pollution degree    | 3                              |

### Mechanical specifications

|                      |                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------|
| Degree of protection | IP65/IP67                                                                                        |
| Connection           | 1 x M8 straight connector<br>Insulation displacement connection for 0.25 ... 0.5 mm <sup>2</sup> |
| Material             |                                                                                                  |
| Contacts             | CuSn                                                                                             |
| Contact surface      | Ni/Au                                                                                            |
| Body                 | PA 6                                                                                             |
| Sleeve connector     | brass, nickel-plated                                                                             |
| Seal                 | NBR                                                                                              |
| Core insulation      | PVC/PE/PP                                                                                        |
| Cable                |                                                                                                  |
| Sheath diameter      | 2.5 ... 5 mm $\pm$ 0.2 mm                                                                        |

### Compliance with standards and directives

|                      |                      |
|----------------------|----------------------|
| Standard conformity  |                      |
| Degree of protection | EN 60529:2000        |
| Standards            | IEC 61076-2-104:2008 |

### Approvals and certificates

|                                       |               |
|---------------------------------------|---------------|
| UL approval                           | UL Recognized |
| Maximum permissible operating voltage | $\leq$ 29 V   |

## Electrical connection

