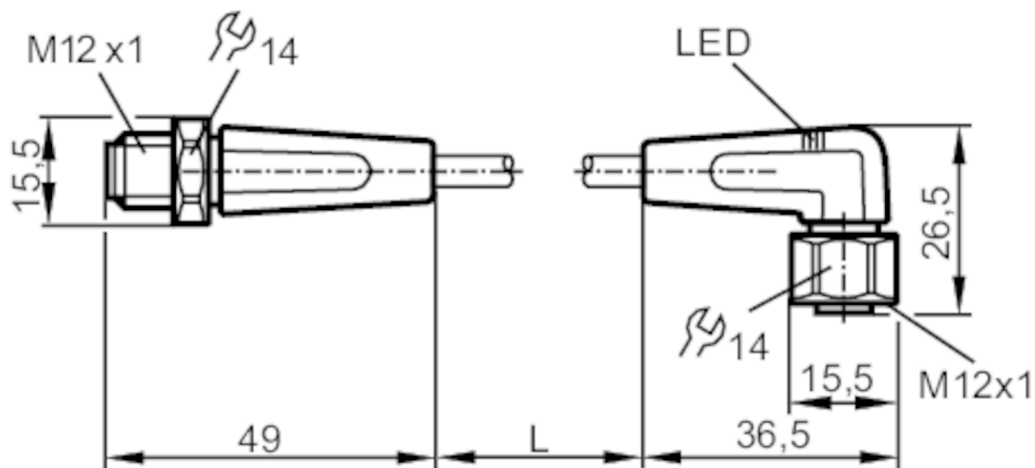


# EVF052



## Connection cable

VDOAH043VAS00,3P04STGH040VAS



### Application

|                    |                                             |
|--------------------|---------------------------------------------|
| Application        | hygienic and wet areas in the food industry |
| Free from silicone | yes                                         |

### Electrical data

|                         |     |            |
|-------------------------|-----|------------|
| Operating voltage       | [V] | 10...36 DC |
| Protection class        |     | II         |
| Max. current load total | [A] | 4          |

### Outputs

|                   |     |
|-------------------|-----|
| Electrical design | PNP |
|-------------------|-----|

### Operating conditions

|                                      |      |                             |
|--------------------------------------|------|-----------------------------|
| Ambient temperature                  | [°C] | -25...100                   |
| Note on ambient temperature          |      | cULus: ...65 °C             |
| Ambient temperature (moving)         | [°C] | 0...100                     |
| Note on ambient temperature (moving) |      | cULus: ...65 °C             |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |



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| Mechanical data        |                                                                                                  |                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                                                                                              | 39.2                                                                                           |
| Dimensions             | [mm]                                                                                             | 15.5 x 15.5 x 49                                                                               |
| Materials              | PP Halogen-free; connector housing: PP grey; socket housing: PP black transparent; Sealing: EPDM |                                                                                                |
| Material nut           | stainless steel (1.4404 / 316L) / stainless steel (1.4404 / 316L)                                |                                                                                                |
| Drag chain suitability | bending radius for flexible use                                                                  | min. 10 x cable diameter                                                                       |
|                        | travel speed                                                                                     | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup> |
|                        | bending cycles                                                                                   | > 1 Mio.                                                                                       |
|                        | torsional strain                                                                                 | ± 180 °/m                                                                                      |
| Drag chain suitability | yes                                                                                              |                                                                                                |

| Displays / operating elements |                  |                 |
|-------------------------------|------------------|-----------------|
| Display                       | switching status | 2 x LED, yellow |
|                               | operation        | 1 x LED, green  |

| Remarks       |        |
|---------------|--------|
| Pack quantity | 1 pcs. |

| Electrical connection                                                                       |  |
|---------------------------------------------------------------------------------------------|--|
| Cable: 0.3 m, MPPE, Halogen-free, grey, Ø 4.9 mm; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm ) |  |

| Electrical connection - socket                                                                                                                               |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Connector: 1 x M12, angled; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm |  |
|                                                                           |  |

| Electrical connection - plug                                                                                                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Connector: 1 x M12, straight; Moulded body: PP, Halogen-free; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.2 Nm |  |
|                                                                             |  |



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### Connection

