



## Connection cable

VDOGH050VAS00,3P05STGH050VAS



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Application        | hygienic and wet areas in the food industry                                    |
| Free from silicone | yes                                                                            |

## Electrical data

|                             |     |            |
|-----------------------------|-----|------------|
| Operating voltage           | [V] | < 60 AC/DC |
| Protection class            |     | II         |
| Max. current load total     | [A] | 4          |
| Overall current rating (UL) | [A] | 3          |

## 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             |
| Storage temperature                                             | [°C] | -25...55                    |
| Storage humidity                                                | [%]  | 10...100                    |
| Other climatic conditions for storage according to stated class |      | 1K22/ DIN 60721-3-1         |
| Protection                                                      |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|           |     |                                |
|-----------|-----|--------------------------------|
| Weight    | [g] | 42                             |
| Materials |     | PP Halogen-free; Sealing: EPDM |



Connection cable

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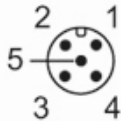
|                        |                                 |                                                                                    |
|------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Moulded-body material  | PP                              |                                                                                    |
| Material nut           | stainless steel (316L/1.4404)   |                                                                                    |
| Drag chain suitability | yes                             |                                                                                    |
| 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/s² |
|                        | bending cycles                  | > 1 Mio.                                                                           |
|                        | torsional strain                | ± 180 °/m                                                                          |

Remarks

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

Electrical connection - plug

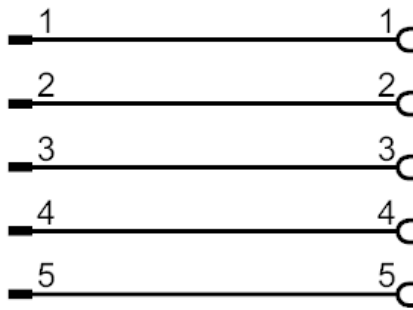
Connector: 1 x M12, straight; coding: A; Moulded body: PP; Locking: stainless steel (316L/1.4404); Contacts: gold-plated;  
Tightening torque: 0.6...1.2 Nm



Electrical connection

Cable: 0.3 m, MPPE, Halogen-free, grey, Ø 5.1 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm )

Connection



Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Moulded body: PP; Locking: stainless steel (316L/1.4404); Contacts: gold-plated;  
Tightening torque: 0.6...1.5 Nm

