



## Connection cable

VDOGH050SCS0005T05STGH050SCS



## Application

|                    |                      |
|--------------------|----------------------|
| Application        | welding applications |
| Free from silicone | yes                  |

## Electrical data

|                         |     |            |
|-------------------------|-----|------------|
| Operating voltage       | [V] | < 60 AC/DC |
| Protection class        |     | II         |
| Max. current load total | [A] | 4          |

## Operating conditions

|                                      |      |                             |
|--------------------------------------|------|-----------------------------|
| Ambient temperature                  | [°C] | -25...90                    |
| Note on ambient temperature          |      | cULus: ...75                |
| Ambient temperature (moving)         | [°C] | -25...90                    |
| Note on ambient temperature (moving) |      | cULus: ...75                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|                        |                                 |                                                                                                |
|------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Weight                 | [g]                             | 230.8                                                                                          |
| Materials              |                                 | housing: TPU orange; Sealing: FKM                                                              |
| Material nut           |                                 | brass / brass                                                                                  |
| 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                  | > 2 Mio.                                                                                       |
|                        | torsional strain                | ± 180 °/m                                                                                      |
| Drag chain suitability |                                 | yes                                                                                            |



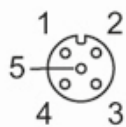
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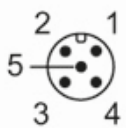
| Remarks       |                                 |
|---------------|---------------------------------|
| Remarks       | with 2 label holders 30 mm long |
| Pack quantity | 1 pcs.                          |

| Electrical connection                                                                                            |
|------------------------------------------------------------------------------------------------------------------|
| Cable: 5 m, PUR, Halogen-free, orange, Ø 5.1 mm; not irradiated (can be recycled); 5 x 0.34 mm² (42 x Ø 0.1 mm ) |
| Cable: 5 m, PUR, Halogen-free, orange, Ø 5.1 mm; resistant to welding sparks; 5 x 0.34 mm² (42 x Ø 0.1 mm )      |

| Electrical connection - socket                                                                                     |
|--------------------------------------------------------------------------------------------------------------------|
| Connector: 1 x M12, straight; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm |



| Electrical connection - plug                                                                                       |
|--------------------------------------------------------------------------------------------------------------------|
| Connector: 1 x M12, straight; Locking: brass, anti-spatter; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm |



| Connection |
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