

EVW111



Connecting cable with socket

ADOGH040SCS0025T04



Application

| | |
|--------------------|--|
| Special feature | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Application | welding applications |
| Free from silicone | yes |

Electrical data

| | |
|-----------------------------|---------------------|
| Operating voltage [V] | < 250 AC / < 300 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 |

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| Mechanical data | | |
|------------------------|-----------------------------------|--|
| Weight [g] | 791.5 | |
| Dimensions [mm] | 15.5 x 15.5 x 45 | |
| Materials | housing: TPU orange; Sealing: FKM | |
| Material nut | brass, anti-spatter | |
| 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/s ² |
| | bending cycles | > 2 Mio. |
| | torsional strain | ± 180 °/m |

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

Electrical connection
Cable: 25 m, PUR, Halogen-free, grey, Ø 4.9 mm; not irradiated (can be recycled); resistant to welding sparks; 4 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





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Connection



Core colours :

BK = black
BN = brown
BU = blue
WH = white

Diagrams and graphs

characteristic line for derating



Derating $I_{max} * 0.8$ (DIN EN 60512-5-2)

X Ambient temperature [°C]

Y Current [A]