



Connecting cable with socket

ADOGF030VAS0010H03



| Application                          |      |                             |
|--------------------------------------|------|-----------------------------|
| Free from silicone                   |      | yes                         |
| Electrical data                      |      |                             |
| Operating voltage                    | [V]  | < 50 AC / < 60 DC           |
| Protection class                     |      | III                         |
| Max. current load total              | [A]  | 3                           |
| Operating conditions                 |      |                             |
| Ambient temperature                  | [°C] | -25...90                    |
| Note on ambient temperature          |      | cULus: ...80                |
| Ambient temperature (moving)         | [°C] | -25...90                    |
| Note on ambient temperature (moving) |      | cULus: ...80                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |



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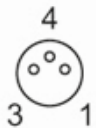
| Tests / approvals           |                  |                                                                                                                |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| Vibration resistance        | EN 60068-2-6 Fc  | 20 g (10...3000 Hz) / -20 °C / 50 °C<br>50 sweep cycles per frequency;<br>1 octave per minute in 3 axes        |
| Shock resistance            | EN 60068-2-27 Ea | 100 g 11 ms half-sine; 6 shocks each<br>in every direction along the three<br>coordinate axes / -40 °C / 85 °C |
| Continuous shock resistance | EN 60068-2-29 Eb | 40 g 6 ms; 4000 shocks each<br>in every direction of the 3<br>coordinate axes / -20 °C / 50 °C                 |
| Fast temperature changes    | EN 60068-2-14 Na | TA = -40°C; TB = 85°C; t1 =<br>30 min; t2 = < 10 s 50 cycles                                                   |
| Salt spray test             | EN 60068-2-52 Kb | severity level 5 (4 test cycles)                                                                               |

| Mechanical data        |                                 |                                                                                       |
|------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| Weight                 | [g]                             | 194                                                                                   |
| Dimensions             | [mm]                            | 10 x 10 x 31                                                                          |
| Materials              |                                 | housing: TPU orange; Sealing: FKM                                                     |
| Material nut           |                                 | 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<br>of 5 m and max. acceleration of 5 m/s² |
|                        | bending cycles                  | > 5 Mio.                                                                              |
|                        | torsional strain                | ± 180 °/m                                                                             |
| Drag chain suitability |                                 | yes                                                                                   |

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

| Electrical connection                                                          |  |
|--------------------------------------------------------------------------------|--|
| Cable: 10 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm² (32 x Ø 0.1 mm ) |  |

| Electrical connection - socket                                                                                                |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|
| Connector: 1 x M8, straight; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm |  |

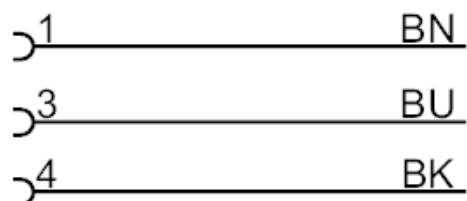




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### Connection



Core colours :

BK = black  
BN = brown  
BU = blue