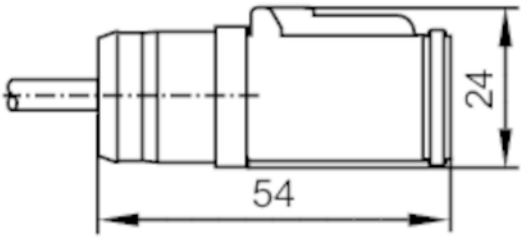
# E12543

## Connecting cable with socket

ADOGS030PLS0001H03




| | | | |
|---|---|---|---|
| **Application** | | | |
| Special feature | | Free from silicone; Halogen-free; Drag chain suitability | |
| Free from silicone | | yes | |
| **Electrical data** | | | |
| Operating voltage | [V] | 8...32 DC | |
| Protection class | | III | |
| Max. current load total | [A] | 4 | |
| **Operating conditions** | | | |
| Ambient temperature | [°C] | -40...85 | |
| Ambient temperature (moving) | [°C] | -20...85 | |
| Protection | | IP 67;  (mating connector plugged in) | |
| **Mechanical data** | | | |
| Weight | [g] | 64.2 | |
| Materials | | PA | |
| Moulded-body material | | PA | |
| 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 | > 5 Mio. |
| | | torsional strain | ± 180 °/m |
| **Remarks** | | | |
| Pack quantity | | 1 pcs. | |

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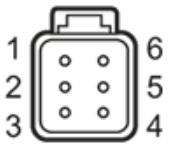
### Electrical connection

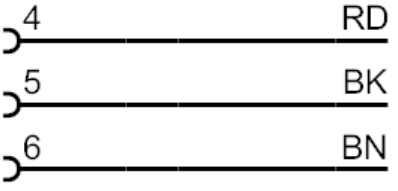
Cable: 1 m, PUR, Halogen-free, black, Ø 5.4 mm; 3 x 0.50 mm² (28 x Ø 0.15 mm )

### Electrical connection - socket

Connector: 1 x DEUTSCH connector, straight; Moulded body: PA; Contacts: nickel-plated




### Connection




| | |
|---|---|
| | Core colours : |
| BK = | black |
| BN = | brown |
| RD = | red |