

## Y connection cable

YDOGS060--S0001H03DOGH030MSS



## 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...80                             |
| Ambient temperature (moving) | [°C] | -20...80                             |
| Protection                   |      | IP 67; (mating connector plugged in) |

## Mechanical data

|                              |                                 |                                                                                    |
|------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Weight                       | [g]                             | 145.7                                                                              |
| Materials                    |                                 | PA; socket: TPU orange; Sealing: FKM                                               |
| Material nut                 |                                 | brass, nickel-plated                                                               |
| Number of ports splitter box |                                 | 2                                                                                  |
| 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. |
|---------------|--------|

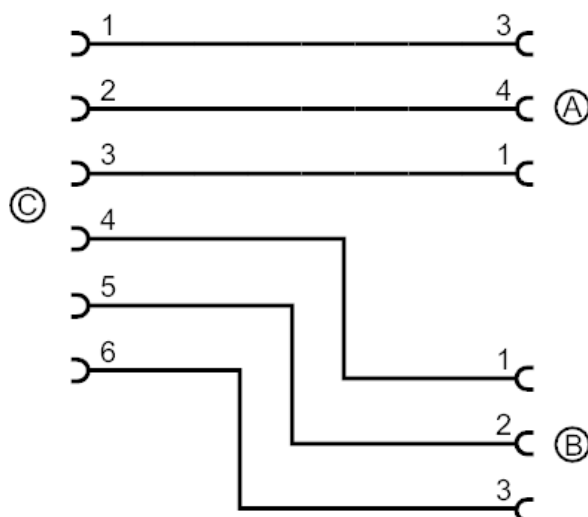


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### Electrical connection - DEUTSCH connector C

#### Connection



Connector: 1 x DEUTSCH connector, straight



### Electrical connection - socket A

Cable: 1 m, PUR, Halogen-free, black, Ø 5.4 mm; 3 x 0.50 mm<sup>2</sup> (28 x Ø 0.15 mm )

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



# E12682



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### Electrical connection - socket B

Cable: 1 m, PUR, Halogen-free, black, Ø 5.4 mm; 3 x 0.50 mm<sup>2</sup> (28 x Ø 0.15 mm )

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm

