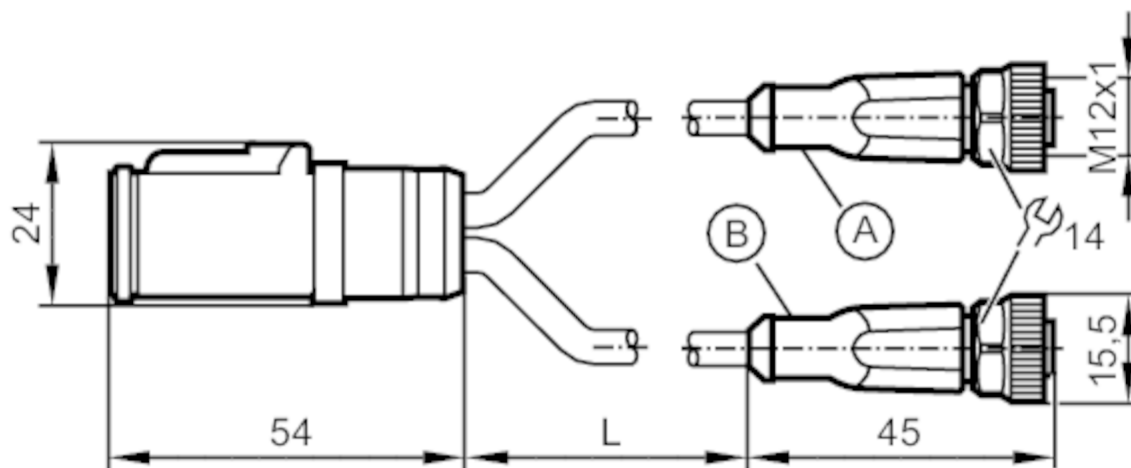


# E12683



## Y connection cable

YDOGS060--S0002H03DOGH030MSS



| Application                  |                                                          |                                                                                    |
|------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|
| System                       | 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]                                                      | 226.8                                                                              |
| Material                     | housing: PA; Socket: TPU (urethane) orange; sealing: FKM |                                                                                    |
| Material nut                 | brass, nickel-plated                                     |                                                                                    |
| Sealing material             | FKM                                                      |                                                                                    |
| Number of ports splitter box | 2                                                        |                                                                                    |
| Drag chain suitability       | yes                                                      |                                                                                    |
| Drag chain suitability       | Bending radius for flexible applications                 | 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.                                                   |                                                                                    |

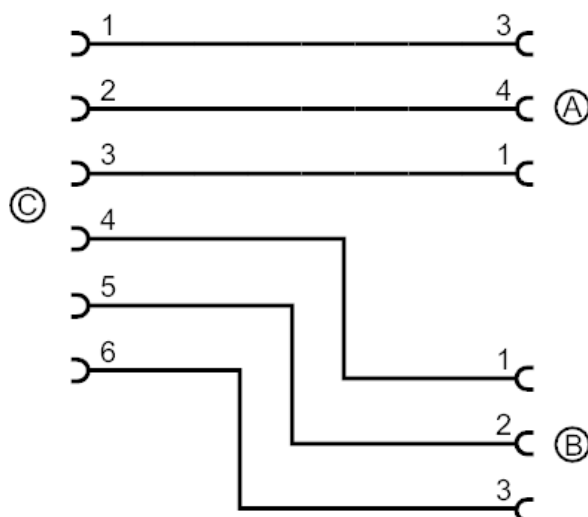


## Y connection cable

YDOGS060--S0002H03DOGH030MSS

### Electrical connection - DEUTSCH connector C

#### Connection



Connector: 1 x DEUTSCH connector, straight



### Electrical connection - Socket A

Cable: 2 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; sealing: FKM; Tightening torque: 0.6...1.5 Nm



# E12683



## Y connection cable

YDOGS060--S0002H03DOGH030MSS

### Electrical connection - Socket B

Cable: 2 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; sealing: FKM; Tightening torque: 0.6...1.5 Nm

