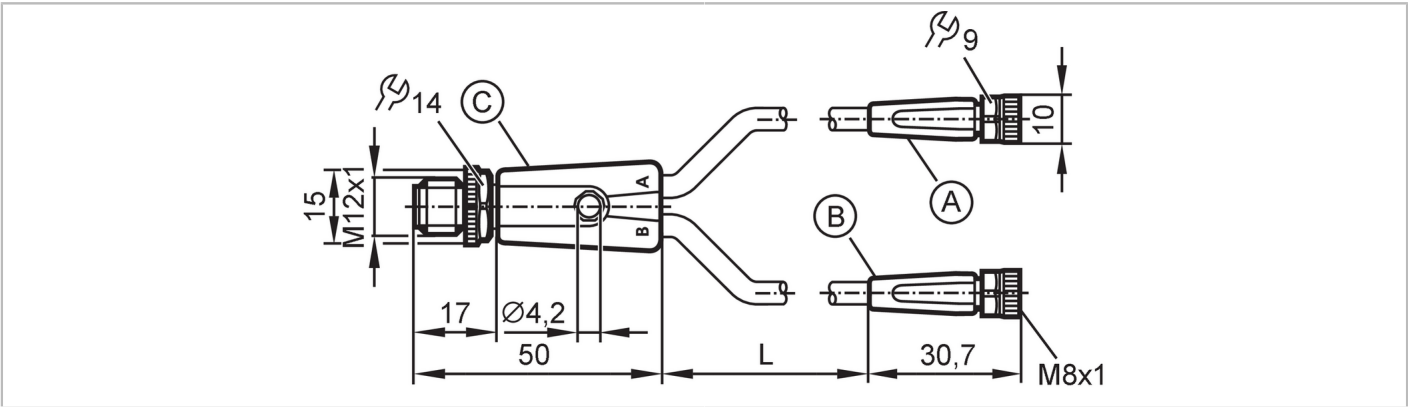




Y connection cable

YDOGF030SCS00,3T03STGH040SCS



| 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]                                                                            | < 50 AC / < 60 DC                                                                  |
| Protection class             |                                                                                | III                                                                                |
| Max. current load total      | [A]                                                                            | 3                                                                                  |
| Operating conditions         |                                                                                |                                                                                    |
| Ambient temperature          | [°C]                                                                           | -25...90                                                                           |
| Ambient temperature (moving) | [°C]                                                                           | -25...90                                                                           |
| Protection                   |                                                                                | IP 65; IP 67; IP 68; IP 69K                                                        |
| Mechanical data              |                                                                                |                                                                                    |
| Weight                       | [g]                                                                            | 46.4                                                                               |
| Molded-body material         |                                                                                | TPU (urethane)                                                                     |
| Material nut                 |                                                                                | brass, weld coated                                                                 |
| 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                                                                 | > 2 Mio.                                                                           |
|                              | Torsional strain                                                               | ± 180 °/m                                                                          |
| Remarks                      |                                                                                |                                                                                    |
| Remarks                      | without label holders                                                          |                                                                                    |
| Pack quantity                | 1 pcs.                                                                         |                                                                                    |



## Y connection cable

YDOGF030SCS00,3T03STGH040SCS

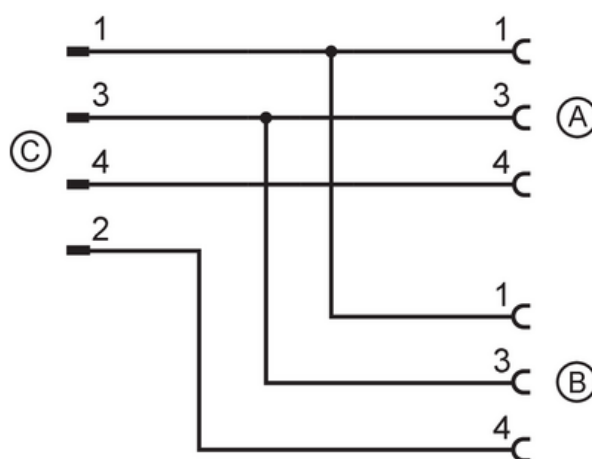
### Electrical connection - plug C

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

#### Connection



### Electrical connection - Socket A/B

Cable: 0.3 m, PUR, Halogen-free, grey, Ø 4.5 mm; not irradiated (can be recycled); resistant to welding sparks; 3 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm)

Connector: 2 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, weld coated; sealing: FKM; Tightening torque: 0.3...0.5 Nm

