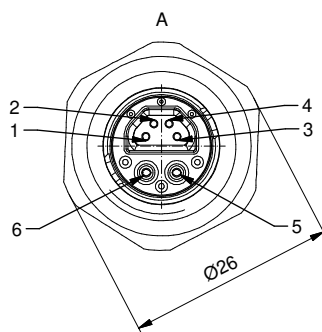
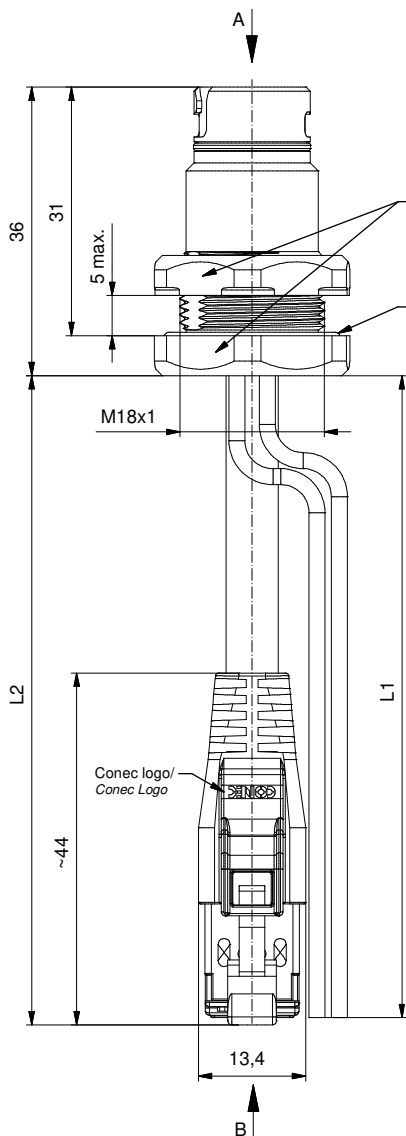


# **Technical specification:** *Technische Daten:*

|                                                                |                                                        |                 |
|----------------------------------------------------------------|--------------------------------------------------------|-----------------|
| No. of contacts/<br>Anzahl Kontakte:                           | 4                                                      | 2               |
| Rated Voltage acc. UL2238/<br>Bemessungsspannung nach UL2238:  | 24 V DC                                                | 60 V DC         |
| Rated Voltage/<br>Bemessungsspannung:                          | 24 V DC                                                | 60 V DC         |
| Rated impulse voltage/<br>Bemessungsschlagspannung:            | 1 kV                                                   | 1,5 kV          |
| Current rating acc. UL2238/<br>Strombelastbarkeit nach UL2238: | 1,5 A (AWG22)                                          | 10 A (0,75 mm²) |
| Current rating/<br>Strombelastbarkeit:                         | 1,5 A / 40°C                                           | 10 A / 40°C     |
| Contact resistance/<br>Kontaktwiderstand:                      | <10 mOhm                                               | <5 mOhm         |
| Insulation resistance/<br>Isolationswiderstand:                | >100 MOhm                                              |                 |
| Impedance/<br>Impedanz:                                        | 100 Ohm                                                |                 |
| Degree of protection/<br>Schutzart:                            | IP 67, in mated condition/<br>im verschraubten Zustand |                 |
| Pollution degree/<br>Verschmutzungsgrad:                       | 3/2                                                    |                 |
| Temperatur range/<br>Umgebungstemperatur:                      | -30°C ... +80°C                                        |                 |
| Mating cycles/<br>Steckzyklen:                                 | >=100                                                  |                 |

## **Wire/ cable specification:** *Litzen/ Kabeleigenschaften:*

|                                            |               |                |
|--------------------------------------------|---------------|----------------|
| Temperature range/<br>Umgebungstemperatur: | Data/Daten:   | Power/Power:   |
| Static/unbewegt:                           | -40°C...+70°C | -40°C...+105°C |
| Flexible/bewegt:                           | -20°C...+60°C | -10°C...+105°C |

## **Materials/ Werkstoffe:**

|                                    |                                                                      |
|------------------------------------|----------------------------------------------------------------------|
| Contact/<br>Kontakt:               | Cu alloy, Ni b / Au 0,2 gal./<br>Kupferlegierung, Ni b / Au 0,2 gal. |
| Contact carrier/<br>Kontaktträger: | PA, UL 94 V-0                                                        |
| Sealing/<br>Dichtung:              | HNBR / NBR                                                           |
| Counter nut/<br>Kontermutter:      | CuZn, Ni                                                             |
| Socket housing/<br>Flanschgehäuse: | CuZn, Ni                                                             |
| Sealing Compound/<br>Verguss:      | Polyurethane-resin, UL 94 V-0<br>Polyurethan-Harz, UL 94 V-0         |

## **Materials/ Werkstoffe:**

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Contact/<br>Kontakt:               | CuZn, Ni / Au 0,3 gal.            |
| Contact carrier/<br>Kontaktträger: | PC, UL 94 V-0                     |
| Shield/<br>Schirm:                 | CuZn, Ni                          |
| Moulding body/<br>Umspritzung:     | TPU, UL 94 HB,<br>black / schwarz |

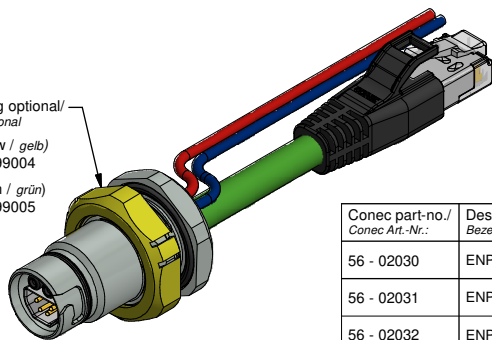
## **Installation specification/ Montageangaben:**

|                                                 |                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Recommended torque/<br>empfohlenes Drehmoment:  | 4 Nm                                                                                                             |
| Conec<br>Installation tool/<br>Montagewerkzeug: | Torque wrench/<br>Drehmomentschlüssel:<br>36-000200<br>Width across flats 24/<br>Steckeinsatz SW24:<br>36-000560 |
| Installation hole/<br>Montagelöcher:            | see Fig.1 56K1A9999/<br>siehe Abb. 1 56K1A9999                                                                   |

## **Contact assignment/ Kontaktbelegung:**

|   |                       |                     |      |   |
|---|-----------------------|---------------------|------|---|
| 1 | yellow / gelb         | AWG22               | TX + | 1 |
| 2 | white / weiß          | AWG22               | RX + | 3 |
| 3 | blue / blau           | AWG22               | RX - | 6 |
| 4 | orange / orange       | AWG22               | TX - | 2 |
|   | shielding / Schirmung |                     |      |   |
| 5 | red / rot             | 0,75mm <sup>2</sup> |      |   |
| 6 | blue / blau           | 0,75mm <sup>2</sup> |      |   |

Color marking optional/  
Farbhaube optional  
Cod. 1 (yellow / gelb)  
Art.-no. 56 - 99004  
Cod. 2 (green / grün)  
Art.-no. 56 - 99005



Shortest possible length (L1+L2) is 0.1m/  
Kürzest mögliche Länge (L1+L2) beträgt 0,1m

| Conec part-no./<br>Conec Art.-Nr.: | Description/<br>Bezeichnung:                                      | Length L1/<br>Länge L1: | Length L2/<br>Länge L2: | Cable - wires/<br>Kabel - Litzen:                                                                      | Type/<br>Typ:                                                                                                     |
|------------------------------------|-------------------------------------------------------------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 56 - 02030                         | ENP - 12 - 1 - FSH1Pbu2Dst4 - 45S - RS8.36 - 0,5 / G6 / 075 / 034 | 0,5m                    | 0,5m                    | Cable/ Kabel:<br>PUR,<br>(4xAWG22)<br>781-G63400<br>Wires/ Litzen:<br>PPE,<br>(2x0,75mm <sup>2</sup> ) | Contact site A/<br>Kontakt Seite A:<br>PUR,<br>Female/ Buchse<br>(power / Power)<br>Male/ Stift<br>(data / Daten) |
| 56 - 02031                         | ENP - 12 - 1 - FSH1Pbu2Dst4 - 45S - RS8.36 - 1 / G6 / 075 / 034   | 1m                      | 1m                      |                                                                                                        | Contact site B/<br>Kontakt Seite B:<br>RJ45 male/ RJ45 Stecker                                                    |
| 56 - 02032                         | ENP - 12 - 1 - FSH1Pbu2Dst4 - 45S - RS8.36 - 2 / G6 / 075 / 034   | 2m                      | 2m                      |                                                                                                        |                                                                                                                   |
| 56 - xxxxx                         | ENP - 12 - 1 - FSH1Pbu2Dst4 - 45S - RS8.36 - ... / G6 / 075 / 034 | x                       | x                       |                                                                                                        |                                                                                                                   |

|                                                                |                                                       |                                                                                |
|----------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------|
| tolerance of cable<br>and wires/<br>Kabel- und Litzentoleranz: | L ≤ 5m: L + 50mm<br>L > 5m: L ± 2%                    | dim. in mm                                                                     |
| general tolerance/<br>Allgemeintoleranz:                       | 0 ± 0,50mm<br>0,0 ± 0,25mm<br>0,00 ± 0,10mm<br>± 1,5° | drawn/<br>gez.<br>03.11.16<br>Becker<br>appd./<br>gepr.<br>03.11.16<br>Schramm |
| Index: "d" Ä21-0444 09.11.21 SSA                               | scale/ Maßstab:<br>1,5:1<br>(1:1; 2:1)                |                                                                                |
| RoHS compliant/ konform                                        |                                                       |                                                                                |

**CONEC®**

Receptacle B12, backmounting long,  
coding 1  
Flansch B12, Hinterwandmontage lang,  
Codierung 1

dwg no /  
Z.-nr.: 56K1A1010

DIN-  
A3

1 / 1