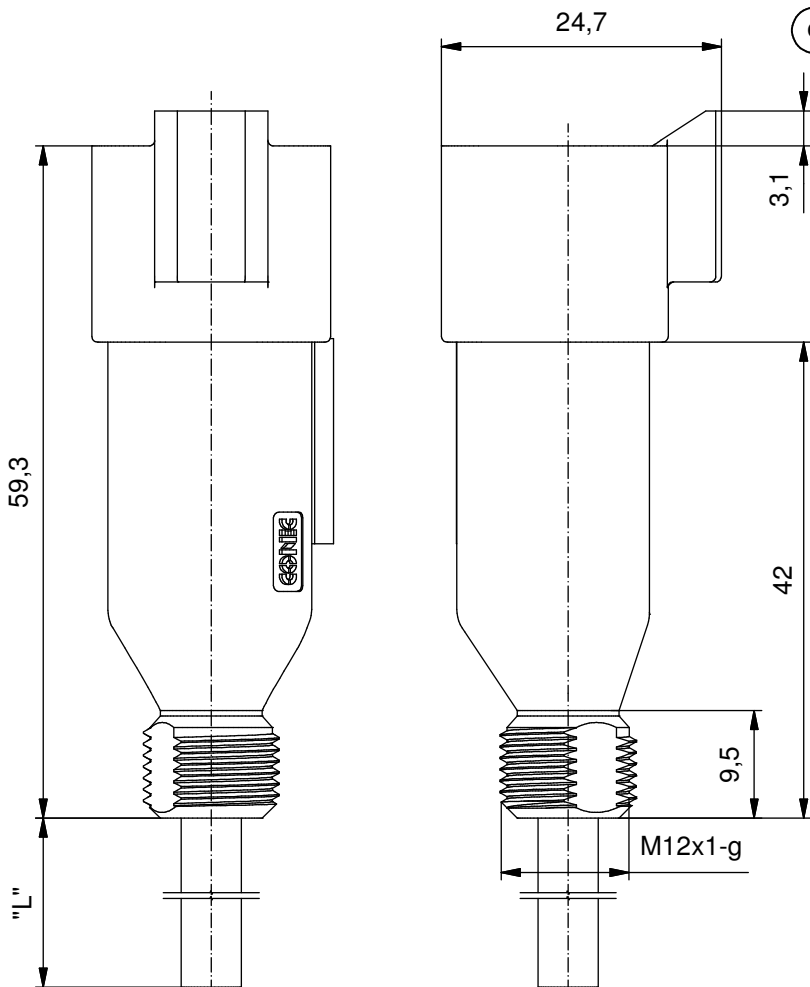




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# **Technical specification:**

## **Technische Daten:**

|                                                                    |                                                                      |
|--------------------------------------------------------------------|----------------------------------------------------------------------|
| Rated voltage/<br>Bemessungsspannung:                              | max. 12 V AC /<br>max. 24 V DC                                       |
| Current consumption/<br>Stromaufnahme:                             | ≤ 10 mA                                                              |
| Breakdown voltage/<br>Abschaltspitzen:                             | ≥ 26,7 V                                                             |
| Holding capacitance/<br>Halteleistung:                             | ≤ 100 VA                                                             |
| Current rating/<br>Strombelastbarkeit:                             | 8 A at 40 °C<br>8 A bei 40 °C                                        |
| Degree of protection/<br>Schutzart:                                | IP67/IP69K, in mated condition/<br>IP67/IP69K im gesteckten Zustand  |
| Temperature range<br>Connector/<br>Umgebungstemperatur<br>Stecker: | -40 °C ... +85 °C                                                    |
| Temperature range<br>Wire/<br>Umgebungstemperatur<br>Leitung:      | fixed/<br>fest: -40 °C...+80 °C<br>moved/<br>bewegt: -25 °C...+80 °C |
| Mating cycles/<br>Steckzyklen:                                     | ≥ 100                                                                |
| Wire cross section/<br>Anschlussquerschnitt:                       | 0.75 mm <sup>2</sup>                                                 |
| Housing/<br>Gehäuse:                                               | Deutsch DT04-3P-P012,<br>black / schwarz                             |
| Protective circuit/<br>Schutzbeschaltung:                          | Suppressordiode<br>+ 2x LED yellow/gelb                              |

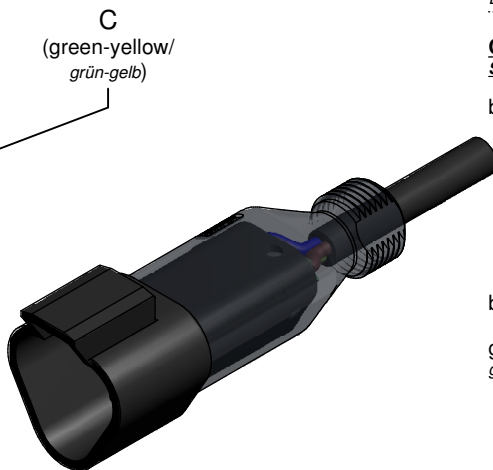
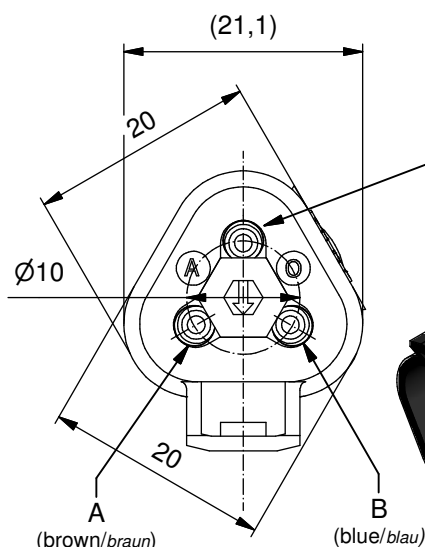
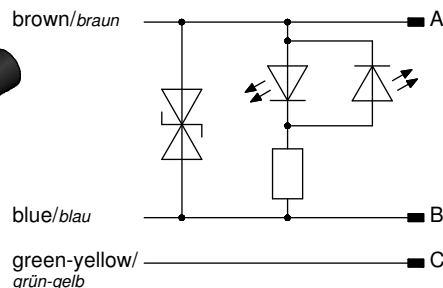
## **Materials/**

### **Werkstoffe:**

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Contact/<br>Kontakt:                   | Copper alloy/<br>Kupferlegierung        |
| Contact carrier/<br>Kontaktträger:     | Thermoplastic/<br>Thermoplastik         |
| Contact plating/<br>Kontaktoberfläche: | Ni                                      |
| Overmolding/<br>Umspritzung:           | TPU, UL 94, transluzent/<br>translucent |
| Sealing/<br>Dichtung:                  | Silicone/<br>Silikon                    |

## **Circuit diagram/**

### **Stromlaufplan**



| Part.-no./<br>Art.-Nr.: | Description/<br>Beschreibung: | Cable length "L"<br>Kabellänge "L": | Cable/<br>Kabel:                                                                 |
|-------------------------|-------------------------------|-------------------------------------|----------------------------------------------------------------------------------|
| 55-00426                | DT04-3PG-B/K1/0.75/2m         | 2 m                                 | PUR, black / schwarz<br>3x0.75 mm <sup>2</sup> ,<br>Cable / Kabel:<br>781-K17300 |
| 55-00427                | DT04-3PG-B/K1/0.75/5m         | 5 m                                 |                                                                                  |
| 55-00428                | DT04-3PG-B/K1/0.75/10m        | 10 m                                |                                                                                  |
| 55-xxxxx                | DT04-3PG-B/K1/0.75/...m       | ... m                               |                                                                                  |

tolerance of cable/  
 Kabeltoleranz: L ≤ 4m: L + 40mm  
 L > 4m: L + 1%

general tolerance/  
 Allgemeintoleranz: 0 ± 0,50mm  
 0,0 ± 0,25mm  
 0,00 ± 0,10mm  
 \* ± 5°

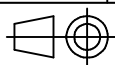
Index: e Ä6765 26.06.17 K.H.

Status: Freigegeben

RoHS compliant/konform

scale/Maßstab:

1,5 : 1  
 (1:1)



dim. in mm

|                 | Date/Datum | Name        |
|-----------------|------------|-------------|
| drawn/<br>gez.  | 24.04.14   | Strakerjahn |
| appd./<br>gepr. | 22.05.14   | Koch        |

**CONEC®**

**DT04 - 3pos. Plug**  
**Valve Connector with protection circuit**  
**DT04 - 3pos. Stift**  
**Ventilstecker mit Schutzbeschaltung**

dwg no /  
 Z.-nr.:

**55K1A048**

DIN-  
 A4

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