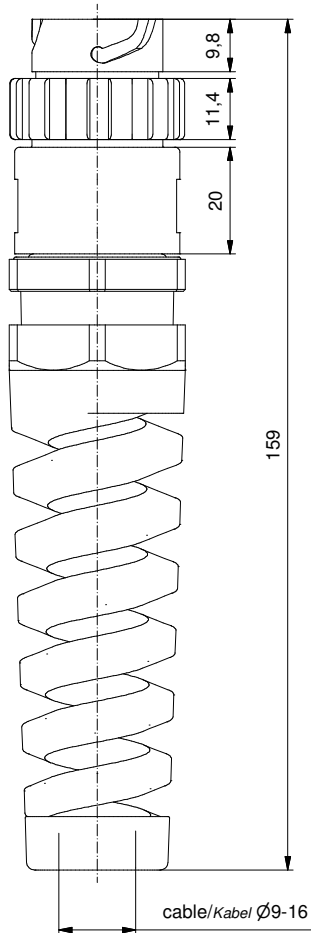
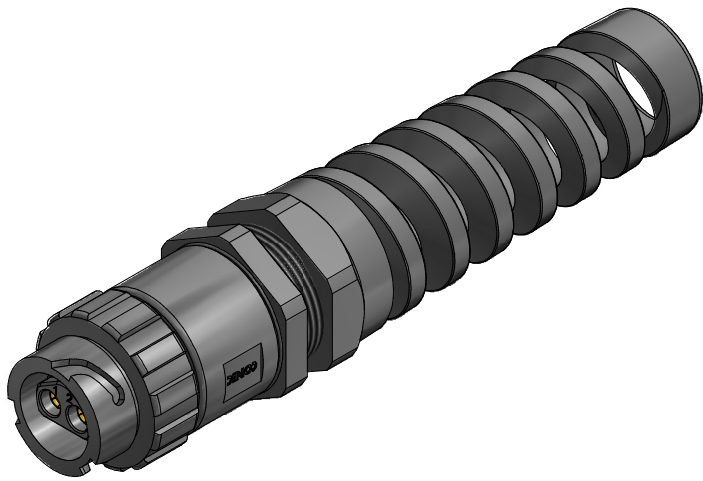


## Technical specification:

### Technische Daten:

|                                          |                                                                                                                                                                |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working voltage/<br>Betriebsspannung:    | 48 V AC/DC                                                                                                                                                     |
| Degree of protection/<br>Schutzart:      | IP67, rated when covered or fully mated with the appropriate mating connector/<br>IP67 bei Verwendung mit Kappe oder passenden Gegenstecker                    |
| Temperature range/<br>Temperaturbereich: | -40 °C ... +100 °C                                                                                                                                             |
| Current rating/<br>Strombelastbarkeit:   | High power contact crimp; 30 A/<br>Hochstromkontakt crimp; 30 A<br>can be crimped with stranded copper wires: AWG 10-12/<br>crimpbar an Kupferlitze: AWG 10-12 |
| UL-listed, File No./<br>UL- gelistet:    | E318363                                                                                                                                                        |

### Materials/ Werkstoffe:

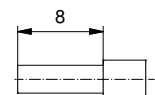
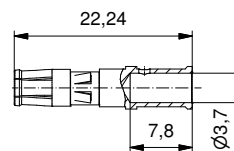
|                                                           |                                                    |
|-----------------------------------------------------------|----------------------------------------------------|
| Coupler ring/<br>Kupplungsring:                           | PA GF (black/schwarz); UL 94 V-0;<br>UL (f1) rated |
| Socket Housing/<br>Buchsengehäuse:                        | PA GF (black/schwarz); UL 94 V-0;<br>UL (f1) rated |
| Cable gland/<br>Kabelanschluss:                           | PA (black/schwarz); UL 94 V-0;<br>UL (f1) rated    |
| Cable gland rubber ring/<br>Kabelanschluss Gummidichtung: | NBR, black/schwarz                                 |
| Cable fitting/<br>Kabelverschraubung:                     | PA (black/schwarz); UL 94 V-0;<br>UL (f1) rated    |
| Interfacial seal/<br>Stirnflächendichtung:                | Silicone, red/<br>Silikon, rot                     |
| Retaining ring/<br>Haltering:                             | Stainless steel/<br>Edelstahl                      |
| High power contact/<br>Hochstromkontakt:                  | Cu alloy, Au over Ni                               |

### Installation specification/ Montagedaten:

|                                                                                                                                        |                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector kit is recommended for use with following cable type/<br>Stecker wird für die Verwendung mit folgenden Kabeltypen empfohlen: | 2 x Conductor AWG 10, Type SJOOW /<br>2 x Leiter AWG 10, Typ SJOOW<br>2 x Conductor AWG 12, Type SOOW / SJOOW<br>2 x Leiter AWG 12, Typ SOOW / SJOOW |
| Crimp-Tool/<br>Crimp-Werkzeug:                                                                                                         | 360X10409X                                                                                                                                           |
| Tool insert/<br>Werkzeugeinsatz:                                                                                                       | 360X20029X                                                                                                                                           |
| Selector settings/<br>Selektor Einstellungen:                                                                                          | 7 for AWG 10<br>6 for AWG 12                                                                                                                         |
| Assembly instruction/<br>Montageanleitung:                                                                                             | AI-5050-Power                                                                                                                                        |

2 Contacts will be supplied loose/  
2 Kontakte werden lose geliefert

Stripping Dimensions/  
Kabelvorbereitung:



|                                                 |                       |                                         |                                               |                                                                                                                                           |                                                                                   |
|-------------------------------------------------|-----------------------|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Part no. / Part marked<br>Art.-Nr./ Bedruckung: | 17-400383             | Contact plating/<br>Kontakt Veredelung: | Power Contact 30 A/<br>Hochstromkontakt 30 A: | Plating, mating area:<br>Veredelung Steckbereich:<br>Plating, termination side:<br>Veredelung Anschluss Seite:                            | Gold flash over Nickel<br>Gold über Nickel<br>Tin over Nickel<br>Zinn über Nickel |
| Index: c Ä6469 13.02.17 K.H.                    | Status: InBearbeitung | RoHS compliant/konform                  | scale/Maßstab:<br>1:1                         | IP67 Power Bayonet 2pos. Socket Kit / crimp cable mount Ø 9-16 mm<br>IP67 Power-Bajonett 2pol. Buchsen-Kit / crimp Kabelmontage Ø 9-16 mm |                                                                                   |
|                                                 |                       |                                         | dwg no / Z.-nr.: 17K1A453                     |                                                                                                                                           | DIN-A3                                                                            |
|                                                 |                       |                                         | 1 / 1                                         |                                                                                                                                           |                                                                                   |



dim. in mm

drawn/

gez.

appd./

gepr.

Date/Datum

01.10.14

13.02.17

Name

Strakerjahn

Koch

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