

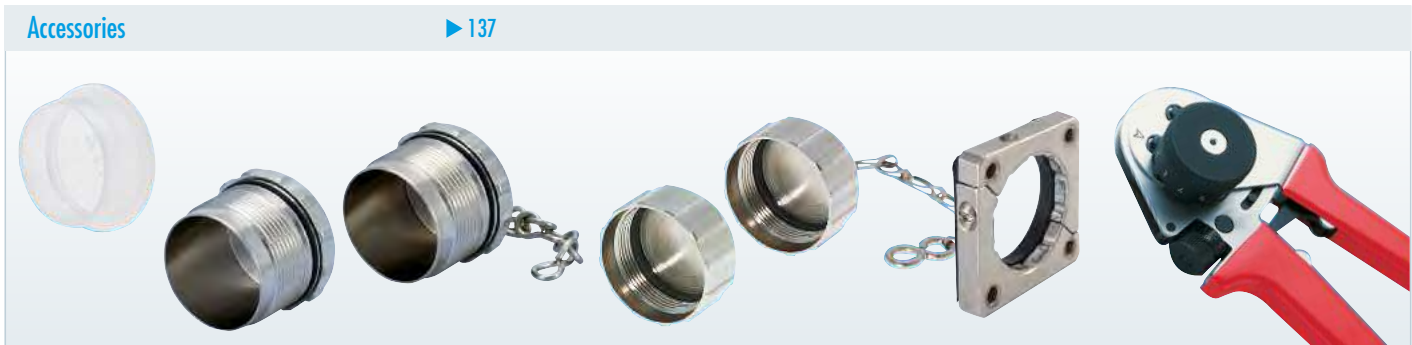
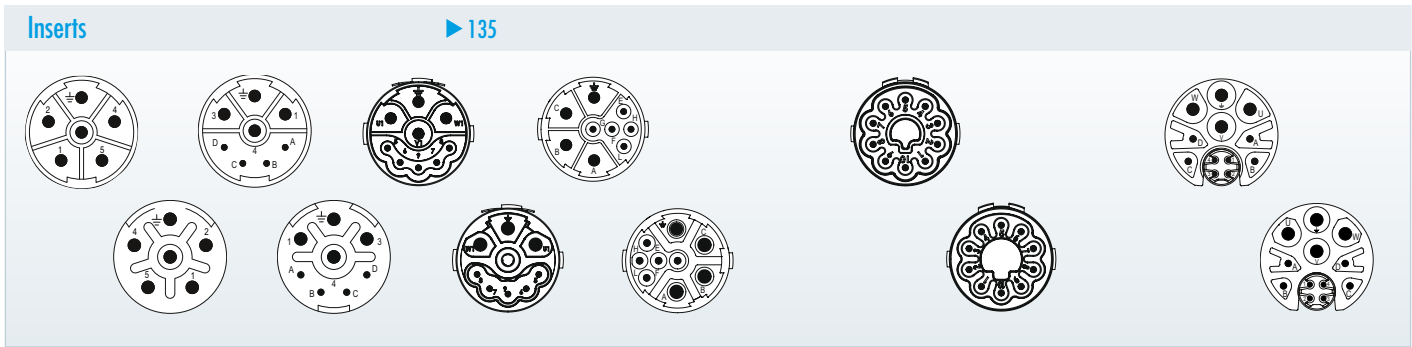
M 23 POWER, M 23 HYBRID

The classical M 23 Power connector is able to cover a large range of applications. This connector meets almost every challenge, because it can be used with 6-, 8- or 9-pole inserts and the power data goes up to 28 A / 600 V.

- // High power transmission
- // Screw lock or TWILOCK/TWILOCK-S quick release fastener
- // Numerous housing types



Product overview



| Mechanical Data | Materials and Technical Data |
|-------------------------------------|--|
| Housing | Copper-Zinc alloy Die Cast |
| Housing surface | Nickel plated other surface upon request |
| Inserts (for contacts) | Thermoplastic Polyamid PA 6 (Nylon 6/6), PBT Fire protection class V-0 |
| Contacts | Brass Alloy |
| Contact surface at point of contact | Nickel and gold plated (0,25 µm) |
| Minimum mating cycles | > 1000* |
| Seals / O-Rings | Buna-N standard optional Viton® (FKM / FPM) (Viton is a registered trademark of DuPont) |
| Temperature range | -40 °C – 125 °C (-40 °F – 257 °F) |
| Type of contacts | Crimp |
| Protection | IP 67 / IP 69K per EN 60 529 (connected), NEMA 4x |
| Cable diameter range | 7 – 17 mm (.28 – .67") |

* HUMMEL to HUMMEL connector

| Electrical Data | | | | | | |
|---|--------------------|--------------------|------|--------------------|------|--------------------|
| Number of positions | 5 + PE | 4 + 3 + PE | | 5 + 3 + PE | 10 | |
| Number of contacts | 6 | 4 | 4 | 5 | 4 | 10 |
| Contact-Ø [mm] | 2 | 1 | 2 | 1 | 2 | 1 |
| Nominal current ¹⁾ [A] | 28 | 8 | 28 | 10 | 28 | 10 |
| Nominal voltage ²⁾ [V~] Degree of Protection 3 ³⁾ | 600 | 300 | 600 | 250 | 600 | 160 |
| Test voltage (Breakdown voltage) ⁴⁾ [V~] | 4000 | 2500 | 4000 | 2500 | 4000 | 2500 |
| Insulation resistance [Ω] | > 10 ¹³ | > 10 ¹³ | | > 10 ¹³ | | > 10 ¹³ |
| Max. contact resistance [mΩ] | 3 | 3 | | 3 | | 3 |
| Number of positions | 4 + 4 + 3 + PE | | | | | |
| | Power | Signal | | Ethernet | | |
| Number of contacts | 4 | 4 | | 4 | | |
| Contact-Ø [mm] | 2 | 1 | | 0,6 | | |
| AWG [mm ²] | 0,75 – 4 | 0,14 – 1 | | 0,08 – 0,34 | | |
| Nominal current ¹⁾ [A] | 28 | 8 | | 2 | | |
| Nominal voltage ²⁾ [V~] Degree of Protection 3 ³⁾ | 600 | 300 | | 60 | | |
| Test voltage (Breakdown voltage) ⁴⁾ [V~] | 4000 | 2500 | | 500 | | |
| Insulation resistance [Ω] | > 10 ¹³ | > 10 ¹⁰ | | > 10 ⁶ | | |
| Max. contact resistance [mΩ] | < 3 | < 3 | | < 3 | | |

^{1), 2), 3), 4)} See Technical Information page 18



Housings

Straight Connector, Female Thread

| Cable-Ø | Part Number |
|-------------------------|---------------|
| 7 – 12 mm (.27 – .47") | 7.550.500.000 |
| 11 – 17 mm (.43 – .67") | 7.550.600.000 |

Straight Connector, Female Thread TWILOCK / TWILOCK-S*

| Cable-Ø | Part Number |
|-------------------------|---------------|
| 7 – 12 mm (.24 – .47") | 7.556.500.000 |
| 11 – 17 mm (.43 – .67") | 7.556.600.000 |

* intermateable with Speedtec

| | |
|-------------------------|---------------|
| 7 – 12 mm (.24 – .47") | 7.556.500.00S |
| 11 – 17 mm (.43 – .67") | 7.556.600.00S |

Straight Connector, Male Thread TWILOCK / TWILOCK-S*

| Cable-Ø | Part Number |
|-------------------------|---------------|
| 7 – 12 mm (.27 – .47") | 7.560.500.000 |
| 11 – 17 mm (.43 – .67") | 7.560.600.000 |

* intermateable with Speedtec

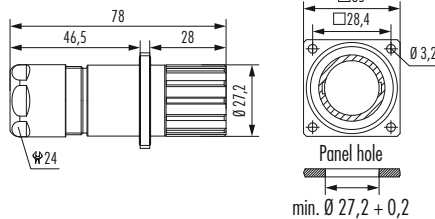
| | |
|-------------------------|----------------|
| 7 – 12 mm (.27 – .47") | 7.566.500.000S |
| 11 – 17 mm (.43 – .67") | 7.566.600.000S |

Panel Connector, Male Thread, with Strain Relief

| Cable-Ø | Part Number |
|---|---------------|
| 4 holes Ø 3,2 mm (.13"), front or rear mounting | |
| 7 – 12 mm (.27 – .47") | 7.683.500.000 |
| 11 – 17 mm (.43 – .67") | 7.683.600.000 |

Housing without inserts and contacts

Panel Connector, Female Thread, with Strain Relief



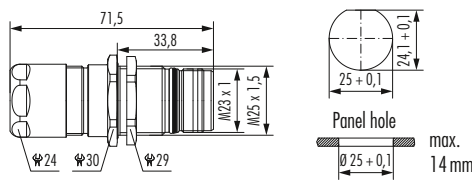
Cable-Ø

Part Number

| | |
|---|---------------|
| 4 holes Ø 3,2 mm (.13"), front or rear mounting | |
| 7 – 12 mm (.27 – .47") | 7.681.500.000 |
| 11 – 17 mm (.43 – .67") | 7.681.600.000 |



Panel Connector, Male Thread, with Strain Relief TWILOCK / TWILOCK-S*



Cable-Ø

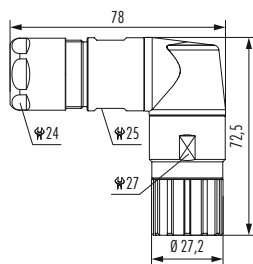
Part Number

| | |
|--|---------------|
| Single hole mounted, rear mounting, thread M25 x 1,5 | |
| 7 – 12 mm (.27 – .47") | 7.653.500.000 |
| 11 – 17 mm (.43 – .67") | 7.653.600.000 |
| * intermateable with Speedtec | |
| 7 – 12 mm (.27 – .47") | 7.653.500.00S |
| 11 – 17 mm (.43 – .67") | 7.653.600.00S |

Including jam nut M25 x 1,5



Right Angle Connector, Female Thread, rotatable



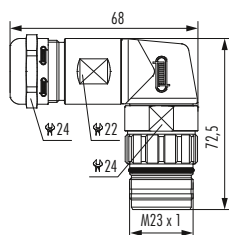
Cable-Ø

Part Number

| | |
|-------------------------|---------------|
| 7 – 12 mm (.27 – .47") | 7.576.500.000 |
| 11 – 17 mm (.43 – .67") | 7.576.600.000 |



Right Angle Connector, Male Thread, rotatable



Cable-Ø

Part Number

| | |
|-------------------------|----------------------------|
| 7 – 12 mm (.27 – .47") | 7.580.500.000 ¹ |
| 10 – 14 mm (.39 – .55") | 7.580.600.000 ¹ |




Housing without inserts and contacts

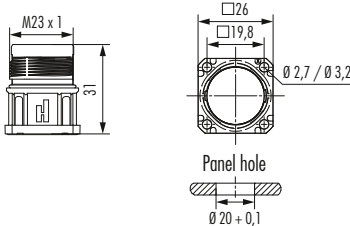
¹ no compatibility with TWILOCK




Housings

Panel Connectors, Male Thread, Front Mounting TWILOCK/TWILOCK-S*




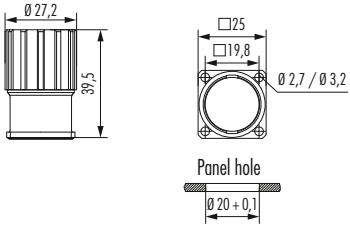


| Type | Part Number |
|--------------------------------------|---------------|
| 4 holes Ø 3,2 mm (.13") | 7.601.000.000 |
| 4 holes Ø 2,7 mm (.11") | 7.605.000.000 |
| * intermateable with Speedtec | |
| 4 x holes 3,2 mm, Flange 25x25 | 7.601.000.005 |
| 4 x holes 3,2 mm, Flange 28x28 | 7.601.100.005 |




Panel Connector with knurled Nut, Front Mounting




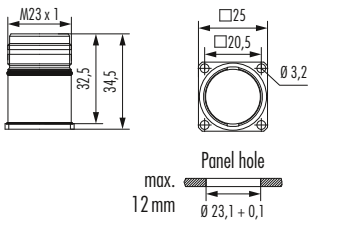


| Type | Part Number |
|-------------------------|---------------|
| 4 holes Ø 3,2 mm (.13") | 7.641.000.000 |
| 4 holes Ø 2,7 mm (.11") | 7.645.000.000 |




Panel Connector, Male Thread, Rear Mounting





| Type | Part Number |
|-----------------------------------|----------------------------|
| With anti-vibration O-Ring | |
| 4 holes Ø 3,2 mm (.13") | 7.661.000.000 ¹ |

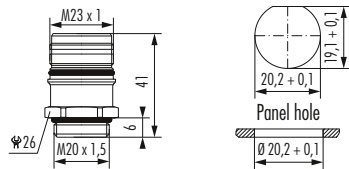




Housing without inserts and contacts

¹ No compatibility with TWILOCK

Panel Connector, Male Thread, Single Hole Mounted



Type

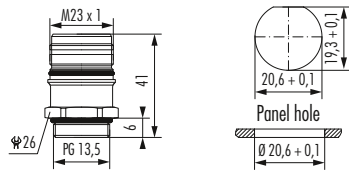
Part Number

Front mounting
Thread M 20 x 1,57.621.000.000¹

Option: jam nut M 20 x 1,5



Panel Connector, Male Thread, Single Hole Mounted



Type

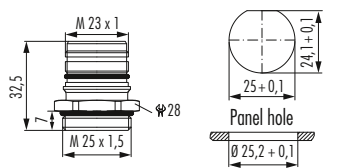
Part Number

Front mounting
Thread PG 13,57.623.000.000¹

Option: jam nut PG 13,5



Panel Connector, Male Thread, Single Hole Mounted



Type

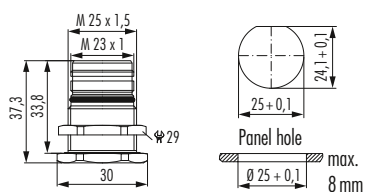
Part Number

Front mounting
Thread M 25x1,57.626.000.000

Option: jam nut M 25 x 1,5



Panel Connector, Male Thread, Single Hole Mounted



Type

Part Number

Rear mounting
Thread M 25 x 1,57.651.000.000

Including jam nut M 25 x 1,5



Housing without inserts and contacts

¹ No compatibility with TWILOCK



Housings

Right Angle Panel Connector, Male Thread

| Type | Part Number |
|-------------------------------------|---------------|
| 4 holes \varnothing 2,7 mm (.11") | 7.635.000.000 |

Optional: Flat gasket

Easy fastening with M2,5 x 10 mm or 4 x .39" long screws

Right Angle Panel Connector, Male Thread, rotatable

| Type | Part Number |
|-------------------------------------|---------------|
| 335° rotatable, single hole mounted | |
| Thread M20 x 1,5 | 7.636.000.000 |

Right Angle Panel Connector, Male Thread, rotatable TWILOCK/TWILOCK-S*

| Type | Part Number |
|-------------------------------------|---------------|
| 330° rotatable, single hole mounted | |
| 4 x holes 3,2 mm (.13") | 7.639.000.000 |
| Flange 25 x 25 mm | |
| * intermateable with Speedtec | |
| 4 x holes 3,2 mm (.13") | 7.639.000.00S |
| Flange 25 x 25 mm | |

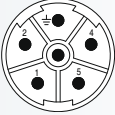
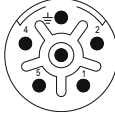
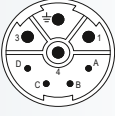
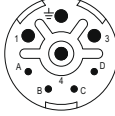


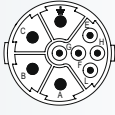
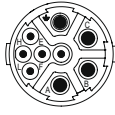

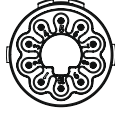


Right Angle Panel Connector, Male Thread, rotatable TWILOCK/TWILOCK-S*

| Type | Part Number |
|-------------------------------------|---------------|
| 330° rotatable, single hole mounted | |
| 4 x holes 3,2 mm (.13") | 7.639.100.000 |
| Flange 28 x 28 mm | |
| * intermateable with Speedtec | |
| 4 x holes 3,2 mm (.13") | 7.639.100.00S |
| Flange 28 x 28 mm | |

Housing without inserts and contacts



Required Contacts

| Contact Arrangement, Mating View | | Number of Poles | Required Contacts |
|---|--|---|--|
|  crimp pin |  crimp socket | 6 x crimp pins 2 mm 6 x crimp sockets 2 mm..... | 7.084.951.121 ¹⁾ 7.084.951.122 ¹⁾ |
|  crimp pin |  crimp socket | 4 x crimp pins 1 mm, 4 x crimp pins 2 mm 4 x crimp sockets 1 mm, 4 x crimp sockets 2 mm..... | 7.084.943.121 7.084.943.122 |
|  crimp pin |  crimp socket | 5 x crimp pins 1 mm, 4 x crimp pins 2 mm 5 x crimp sockets 1 mm, 4 x crimp sockets 2 mm..... | 7.084.953.101 7.084.953.102 |
|  crimp pin |  crimp socket | 5 x crimp pins 1 mm, 4 x crimp pins 2 mm 5 x crimp sockets 1 mm, 4 x crimp sockets 2 mm..... | 7.084.909.101 7.084.909.102 |
|  crimp pin |  crimp socket | 10 x crimp pins 1 mm..... 10 x crimp sockets 1 mm..... | 7.084.910.101 7.084.910.102 |
|  crimp pin |  crimp socket | 4 x crimp pins 1 mm, 4 x crimp pins 2 mm, 4 x crimp pins 0,6 mm..... 4 x crimp sockets 1 mm, 4 x crimp sockets 2 mm, 4 x crimp sockets 0,6 mm..... | 7.084.944.101 7.084.944.102 |

¹⁾ under development



Contacts




| Contacts | Type | Crimp Range | Part Number |
|----------|--|--|---------------|
| | Crimp pin 0,6 mm, machined ¹ | 0,08 – 0,34 mm ² (AWG28 – AWG 22) | 7.010.980.641 |
| | Crimp socket 0,6 mm, machined ¹ | 0,08 – 0,34 mm ² (AWG28 – AWG 22) | 7.010.980.602 |
| | Crimp pin 1 mm, machined ² | 0,14 – 1 mm ² (AWG 26 – 17) | 7.010.941.001 |
| | Crimp pin 1 mm, machined ² | 0,75 – 1,5 mm ² (AWG 18 – 16) | 7.010.941.021 |
| | Crimp socket 1 mm, machined ² | 0,14 – 1 mm ² (AWG 26 – 17) | 7.010.941.002 |
| | Crimp socket 1 mm, machined ² | 0,75 – 1,5 mm ² (AWG 18 – 16) | 7.010.941.022 |
| | Crimp pin 2 mm, machined ² | 0,75 – 2,5 mm ² (AWG 18 – 14) | 7.010.942.001 |
| | Crimp pin 2 mm, machined ² | 2,5 – 4 mm ² (AWG 14 – 12) | 7.010.942.011 |
| | Crimp socket 2 mm, machined ² | 0,75 – 2,5 mm ² (AWG 18 – 14) | 7.010.942.002 |
| | Crimp socket 2 mm, machined ² | 2,5 – 4 mm ² (AWG 14 – 12) | 7.010.942.012 |



¹ passende Crimpzange 7.000.900.907, Crimpzangeneinstellung siehe Seite 71

² passende Crimpzange 7.000.900.901, Crimpzangeneinstellung siehe Seite 139



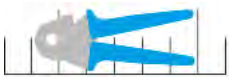
| Accessories | Type | Part Number |
|---|--|-------------|
|  | Plastic protective cap for connectors with male thread7.000.900.101 with female thread7.000.900.102 | |
|  | Brass protective cap for connectors with female thread7.010.900.183 ¹ | |
|  | Brass protective cap for connectors with male thread7.010.900.102 | |
|  | Brass protective cap with chain for connectors with female thread Length 70 mm7.010.950.783 ¹ Length 100 mm7.010.951.083 ¹ | |
|  | Brass protective cap with chain for connectors with male thread Length 70 mm7.010.950.702 Length 100 mm7.010.951.002 | |
|  | Crimp tool for manual crimping of machined crimp contacts Works with contacts for power or signal7.000.900.901 | |
|  | Adaptor flange for Straight Connectors7.010.900.128 ¹ | |

¹ No compatibility with TWILOCK



Accessories

| Accessories | Type | Part Number |
|-------------|---|---------------|
| | Adapter for Conduit Fittings | |
| | Poleon DN 12 | 7.010.900.205 |
| | Poleon DN 14 | 7.010.900.207 |
| | Poleon DN 17 | 7.010.900.209 |
| | Positioner for Crimp Tool | |
| | DMC M22520 | 7.000.900.DMC |
| | Locator for Crimp Tool DMC M22520 with positioner | 7.000.9DM.C06 |
| | For HUMMEL Contact: 7.010.941.001, 7.010.942.001, 7.010.942.011 | |
| | Locator for Crimp Tool DMC M22520 with positioner | 7.000.9DM.C07 |
| | For HUMMEL Contact: 7.010.941.002, 7.010.942.002, 7.010.942.012 | |
| | Disassembly Tool | |
| | for crimp contacts | 7.010.900.531 |
| | Screw Tool, adjustable 0.5 – 1.7 Nm | 7.010.900.190 |
| | Tool Adapter for tightening or loosening | |
| | knurled nuts for M23 | 7.010.900.192 |
| | Crimping tool | |
| | pneumatic crimping tool | on request |
| | Crimping machine | |
| | crimping machine to process turned contacts | on request |



Crimp Tool Setting for HUMMEL Crimp Contacts (Crimp Tool 7.000.900.901)

| Part Number | Crimp Contact | Cross Section (mm ²) | AWG | Crimp Tool Setting mm | Locator Setting |
|---------------|---------------------------|----------------------------------|-----|-----------------------|-----------------|
| 7.010.941.001 | Crimp pin (power) 1 mm | 0,14 | 26 | 0,75 | 1 |
| | | 0,25 | 24 | 0,8 | 1 |
| | | 0,35 | 22 | 0,85 | 1 |
| | | 0,50 | 20 | 1,03 | 1 |
| | | 0,75 | 18 | 1,08 | 1 |
| | | 1,0 | 17 | 1,13 | 1 |
| 7.010.941.021 | Crimp pin (power) 1 mm | 0,75 | 18 | 0,79 | 1 |
| | | 1 | 17 | 0,86 | 1 |
| | | 1,5 | 16 | 0,99 | 1 |
| 7.010.941.002 | Crimp socket (power) 1 mm | 0,14 | 26 | 0,75 | 2 |
| | | 0,25 | 24 | 0,8 | 2 |
| | | 0,35 | 22 | 0,85 | 2 |
| | | 0,50 | 20 | 0,89 | 2 |
| | | 0,75 | 18 | 0,95 | 2 |
| | | 1 | 17 | 1,02 | 2 |
| 7.010.941.022 | Crimp socket (power) 1 mm | 0,75 | 18 | 0,79 | 2 |
| | | 1 | 17 | 0,86 | 2 |
| | | 1,5 | 16 | 0,99 | 2 |
| 7.010.942.001 | Crimp pin (power) 2 mm | 0,75 | 18 | 1,3 | 7 |
| | | 1 | 17 | 1,4 | 7 |
| | | 1,5 | 16 | 1,55 | 7 |
| | | 2,5 | 14 | 1,7 | 7 |
| 7.010.942.011 | Crimp pin (power) 2 mm | 2,5 | 14 | 1,47 | 7 |
| | | 4 | 12 | 1,6 | 7 |
| 7.010.942.002 | Crimp socket (power) 2 mm | 0,75 | 18 | 1,3 | 8 |
| | | 1 | 17 | 1,4 | 8 |
| | | 1,5 | 16 | 1,55 | 8 |
| | | 2,5 | 14 | 1,7 | 8 |
| 7.010.942.012 | Crimp socket (power) 2 mm | 2,5 | 14 | 1,47 | 8 |
| | | 4 | 12 | 1,6 | 8 |



These values are only guidelines and actual conductor cross sections depend on manufacturer tolerances.

M12
M16
M23 PoE
M23 RJ45
M23 Signal
M27 Signal
M23 Power
M40 Power
INOX
Moulded Cordsets
Customized



Crimp Tool for Power Connectors M 23

| Crimp Tool | Type | Part Number |
|------------|---|-------------|
| | Crimp Tool7.000.900.901 | |
| | Application The four indent crimp tool 7.000.900.901 has been developed for optimal crimping of machined contacts with diameters from 0.14 to 6.0 mm ² (26 through 10 AWG). | |
| | How to Crimp The reference table (S. 139) indicates the correct locator position to be selected and the crimp depth to be adjusted for the contact to be crimped. The contact is then inserted through the access hole of the tool on the opposite side of the locator. The contact is held in place by closing the handles to the first lock-in position thus preventing the contact from falling out of the tool and facilitating insertion of the wire into the contact. The precision ratchet assures consistently accurate crimping every time by forcing the tool to be closed all the way completing the crimping cycle before the tool can be opened again. | |
| | Exchange of the Locator The locator can be exchanged by removing the socket head cap screw with a socket wrench. It can then be disassembled from the hex head screw by turning it counter-clockwise. | |
| | | |

These values are only guidelines and actual conductor cross sections depend on manufacturer tolerances.



Crimp Tool



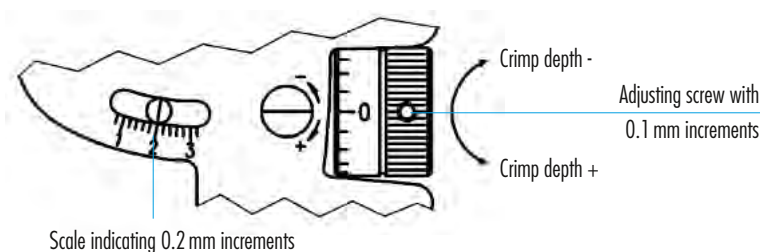
Adjustment of Crimp Depth

Crimp depth can be adjusted as follows:

Turn the adjusting screw clockwise for reducing the crimp depth and counter-clockwise for increasing the crimp depth.

Adjustment Increments

- // 1 space on the adjusting screw $\hat{=}$ adjustment by 0.01 mm
- // 1 full rotation of adjusting screw $\hat{=}$ adjustment by 0.2 mm (indication on the screw as well as on the rough scale)
- // 5 rotations of the adjusting screw $\hat{=}$ adjustment by 1 mm (indication on the scale)



Control of Crimp Depth

Crimp tool adjustment is done at the factory, but with frequent use, periodic calibration is recommended to insure accuracy. This is easily accomplished with a 2.0 mm \emptyset wire gauge as follows. A crimp depth of 2.0 mm is set by means of the adjusting screw (scale mark at „2“, screw mark at „0“ as shown in the fig. above) and the tool in the closed position.

After insertion of the gauge, there must be just enough space for moving the gauge inside the entry hole. If the opening is too small or too large to exactly match the gauge, the deviation (+/-) can be checked by the precision setting of the screw. Please contact the factory in case the deviation exceeds the tolerances specified by the contract manufacturer.

Maintenance and Repair

Keep the tool clean and properly stored when not in service. All pivot points need to be oiled regularly and the spring clips securing the bolts have to always be in place. For repair please send the tool back to the factory.



Assembly Instructions

Straight Connector, Female Thread

1. max. 37 mm

2. **⚠**
x Contact \varnothing 1 mm = max. 4 mm stripping length
x Contact \varnothing 2 mm = max. 7 mm stripping length

3. crimp

4. click

5. click

6. 1x PE click

7. **⚠** Shield is not allowed to touch second O-ring

8. 24 24



Straight Connector, Female Thread 4+3+PE/5+3+PE

1. max. 37 mm
2. x
3.
 - ⚠ x Contact \varnothing 1 mm = max. 4 mm stripping length
 - x Contact \varnothing 2 mm = max. 7 mm stripping length
4. crimp
5. click
 -
 -
6. click
7. scissors
8. 24 25
 - ⚠ Shield is not allowed to touch second O-ring

| |
|-------------------|
| M 12 |
| M 16 |
| M 23 PoE |
| M 23 RJ45 |
| M 23 Signal |
| M 27 Signal |
| M 23 Power |
| M 40 Power |
| INOX |
| Moulded Cordsets |
| Customized |



Assembly Instructions

Hybrid Connector

- max. 40 mm
- max. 5 mm
- max. 7 mm
4x Power
- max. 5 mm
4x Signal
- crimp (4x Power)
- crimp (4x Signal)
- crimp
4x Ethernet contacts
-
- TIP: Put metal ring over conductors between step 5 & 6
- Wrap copper tape to reach 5 mm outer diameter

Shielding braid and copper tape must at least 0,5 mm protrude over crimp area

7.000.900.912

click

For socket insert strip the shield to max. 12 mm instead of 16 mm

max. 30 mm

max. 16 mm

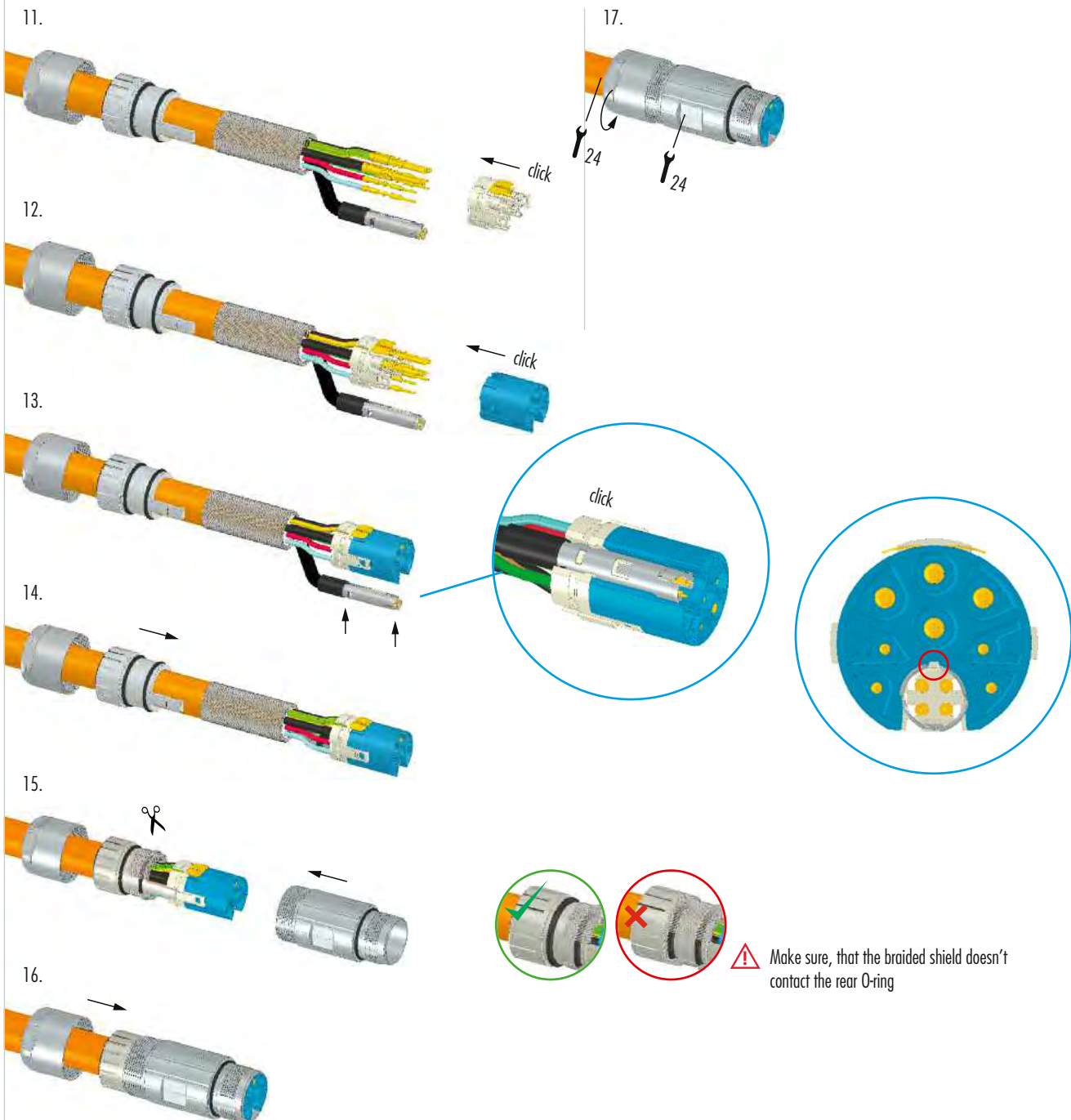
max. 4 mm
4x Ethernet

crimp

crimp metal ring over crimped area

put shrinking tube over crimped area

Hybrid Connector



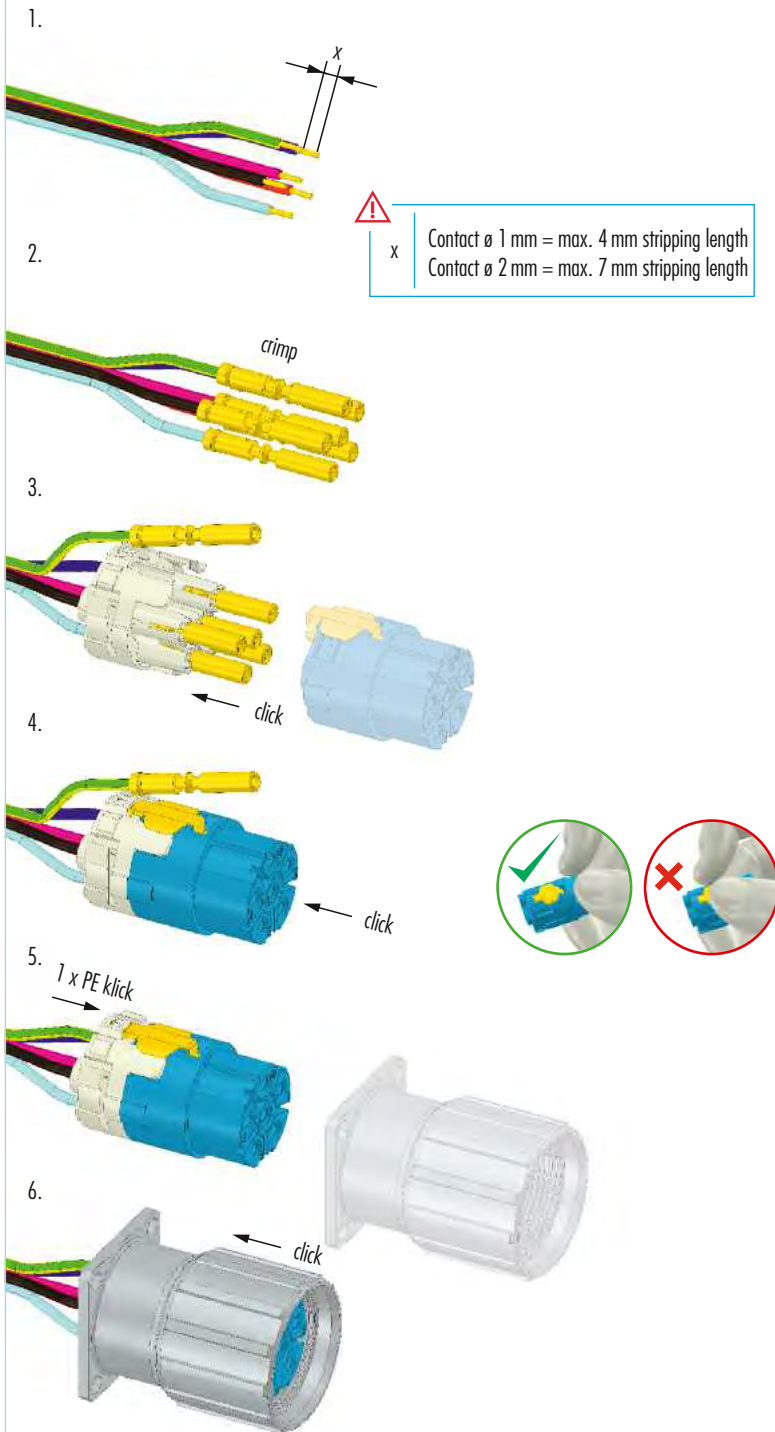


Assembly Instructions

Right Angle Connector, rotatable

1. 65 mm
- 2.
- 3.
4. **!** x Contact \varnothing 1 mm = max. 4 mm stripping length
Contact \varnothing 2 mm = max. 7 mm stripping length
5. crimp
- 6.
- 7.
8. click
9. 1 x PE click
10. click
11. scissors
12. 24, 25, 27

! Make sure, that the braided shield doesn't contact the rear O-ring





Assembly Instructions

Panel Connector, Male Thread, Single Hole Mounted

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

x Contact \varnothing 1 mm = max. 4 mm stripping length
 Contact \varnothing 2 mm = max. 7 mm stripping length



Panel Connector, Male Thread

- 1.
2.

x Contact \varnothing 1 mm = max. 4 mm stripping length
 Contact \varnothing 2 mm = max. 7 mm stripping length
- 3.
4.
- 5.
- 6.

| |
|-------------------|
| M 12 |
| M 16 |
| M 23 PoE |
| M 23 RJ45 |
| M 23 Signal |
| M 27 Signal |
| M 23 Power |
| M 40 Power |
| INOX |
| Moulded Cordsets |
| Customized |



Assembly Instructions

Right Angle Panel Connector TWILOCK-S

1.
 x Contact \varnothing 1 mm = max. 4 mm stripping length
 Contact \varnothing 2 mm = max. 7 mm stripping length

2.
 crimp

3.
 click

4.
 click click

5.
 click

6.

7.
 PE
 click

8.
 TORX: T10
 max. 2,7 Nm

9.

 If using TWILOCK-S or Speedtec plug you have to remove O-Ring.



Right Angle Panel Connector TWILOCK

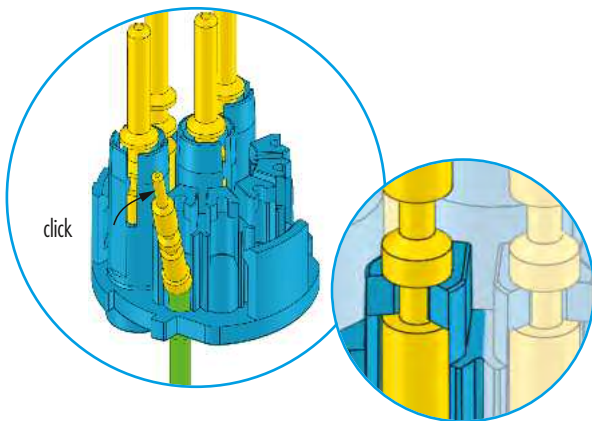
1.

2. **crimp**

3. **click click**

⚠ x

Contact \varnothing 1 mm = max. 4 mm stripping length
 Contact \varnothing 2 mm = max. 7 mm stripping length



4. **click**

5. **click**

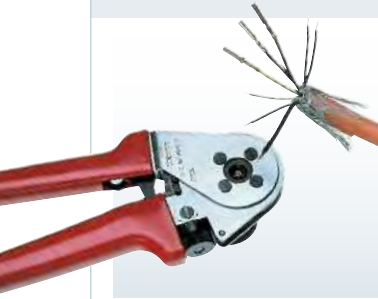
PE

6.

7. **T10**
max. 2,7 Nm

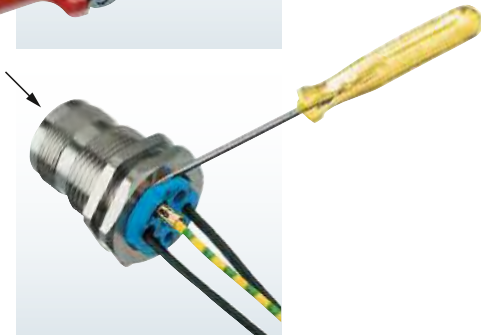


Crimping, Assembly and Disassembly of Contacts



Crimping

- // For 1 mm contacts strip wire ends 4 mm (.16") max., for 2 mm contacts strip wire ends 7 mm (.28") max.
- // Dial appropriate setting of crimping tool
- // Push crimp contact into opening of crimping tool
- // Insert stripped wire into the funnel shaped end of the crimp contact
- // Squeeze handles of crimping tool together, connecting contact to wire



Disassembly of Insert from Housing

A small screw driver is required. Push locking tongue, located above the PE-contact, down. By simultaneously pushing on the front side of the insert, it can be disassembled from the housing.

Shielding

- // Assemble strain relief insert with insert
- // Fold stranding of the shield back over the first O-Ring of the strain relief insert
- // Cut back the overextending braid



The stranding of the shield is not allowed to touch the second O-Ring. Otherwise the assembly may not be proof.

