

Mating plug STK7GS01

Type M16

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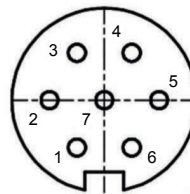
- Mating plug with 7 sockets
- With strain relief and shielding
- For cable with 6-8 mm diameter
- Silver-plated contacts
- UL certified

Mechanical data

- | | |
|-----------------------------|----------------------|
| ■ Connector Design: | cable socket |
| ■ Connector locking system: | screw |
| ■ Termination: | solder |
| ■ Wire gauge (mm): | 0.75 mm ² |
| ■ Wire gauge (AWG): | 20 |
| ■ Cable outlet: | 6 - 8 mm |
| ■ Temperature range: | - 30 °C to 95 °C |

Electrical connection

(view to soldering contacts)



Electrical Data

- | | |
|--------------------------|--------------|
| ■ Related voltage: | 125 V |
| ■ Rated impulse voltage: | 800 V |
| ■ Rated current (40°C): | 5 A |
| ■ Resistance: | ≤ 5 mΩ |
| ■ EMV-compliance: | shielded |
| ■ Protection class: | IP67 |
| ■ Mechanical operation: | > 500 cycles |

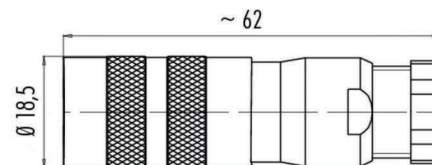
Order code format

- Mating plug (7 sockets): **STK7GS01**

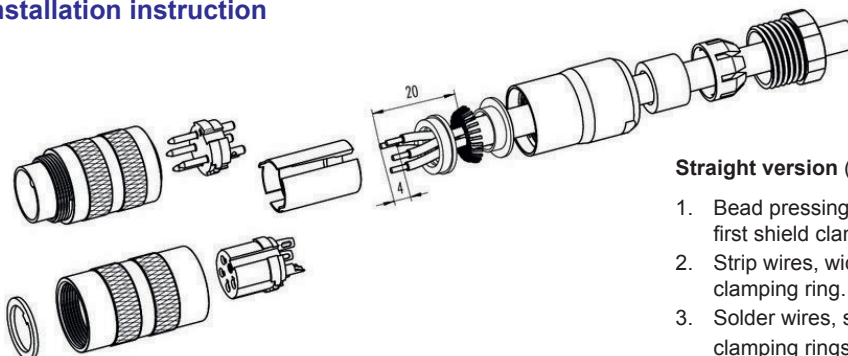
Material

- | | |
|-----------------------------|--------------------------------|
| ■ Material of contacts: | CuSn (Bronze) |
| ■ Contact plating: | Ag (Silver) |
| ■ Material of contact body: | PBT (UL 94 V-0) |
| ■ Housing material: | CuZn
(Brass, Nickel-plated) |

Dimensions in mm



Installation instruction



Straight version (Version with shield clamping ring)

1. Bead pressing screw, pinch ring, seal, distance shell and first shield clamping ring on cable.
2. Strip wires, widen shield and bead second shield clamping ring.
3. Solder wires, snap distance shell, push the two shield clamping rings together and cut off shielding braid.
4. Assemble remaining parts according to picture.