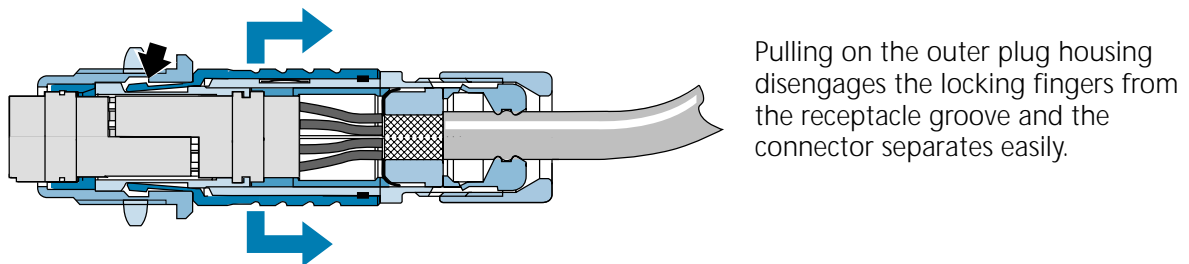
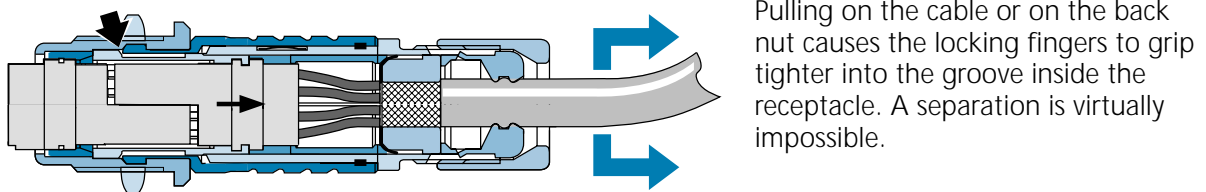
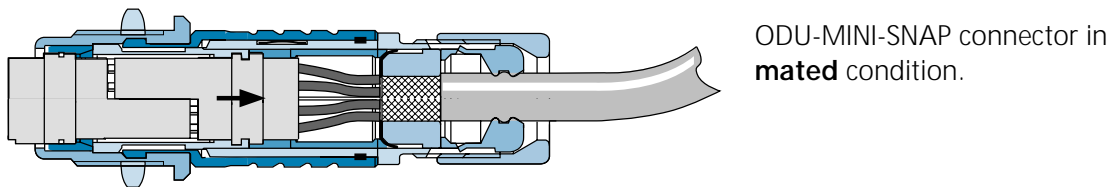
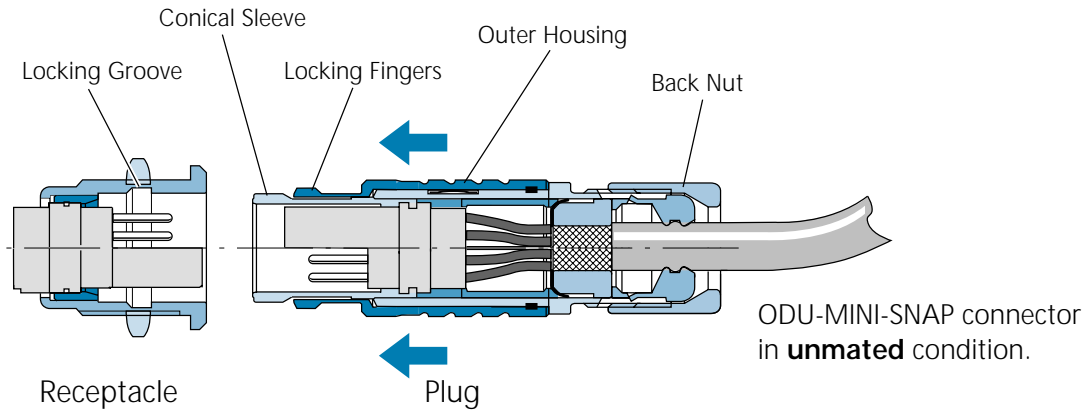




ODU-MINI-SNAP

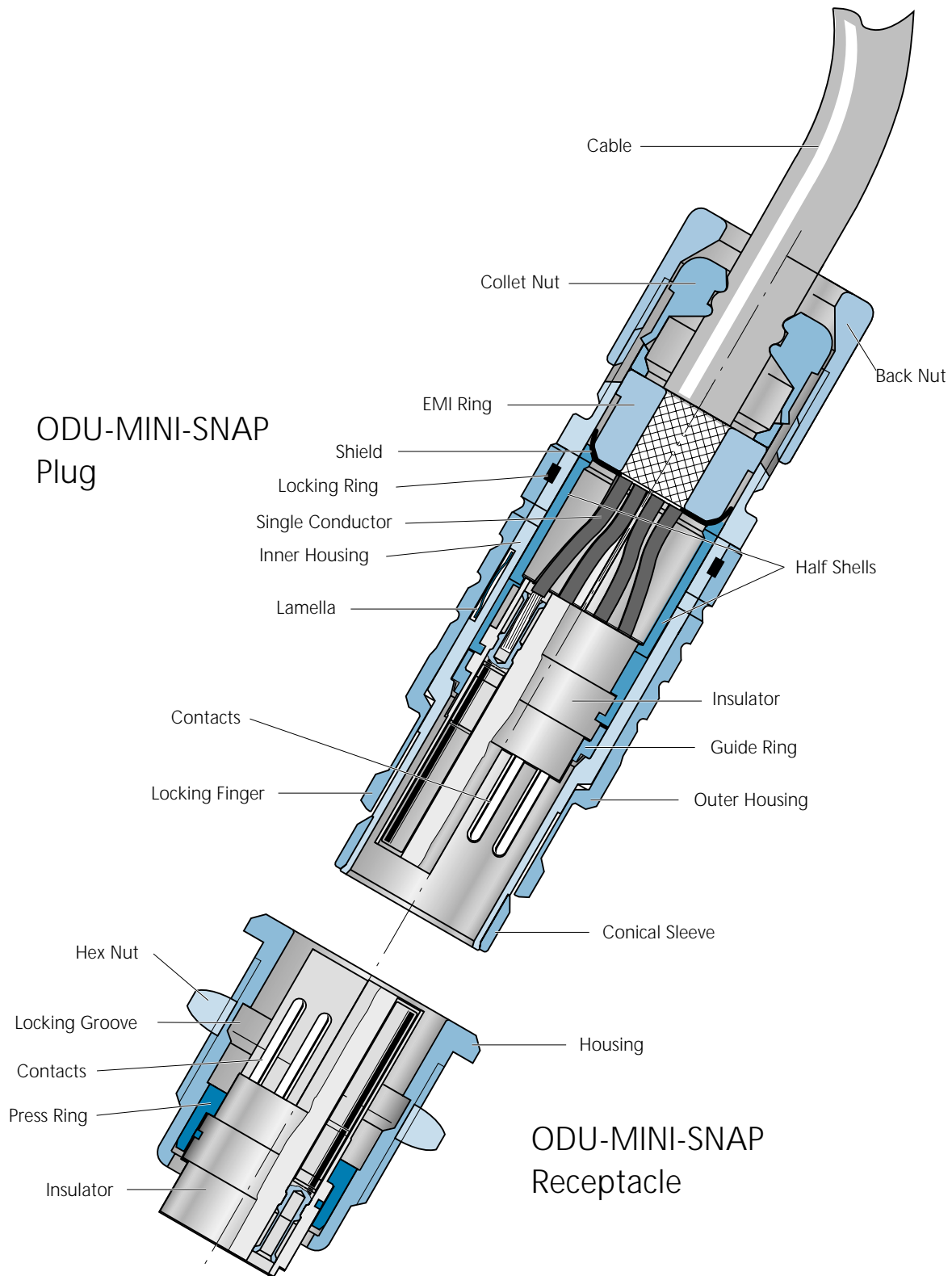
Series S - IP50 and IP68
FP-Locking Concept
Keying with Insulation Body

The Push-Pull Locking Principle: FP



ODU-MINI-SNAP

with FP-Locking Scheme in Cross Section



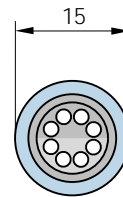
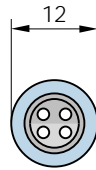
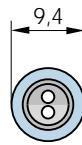
Available Housing Sizes

(Scale 1 : 1)

OD = Outside Diameter (Plug)

S = Size

OD:



S:

0

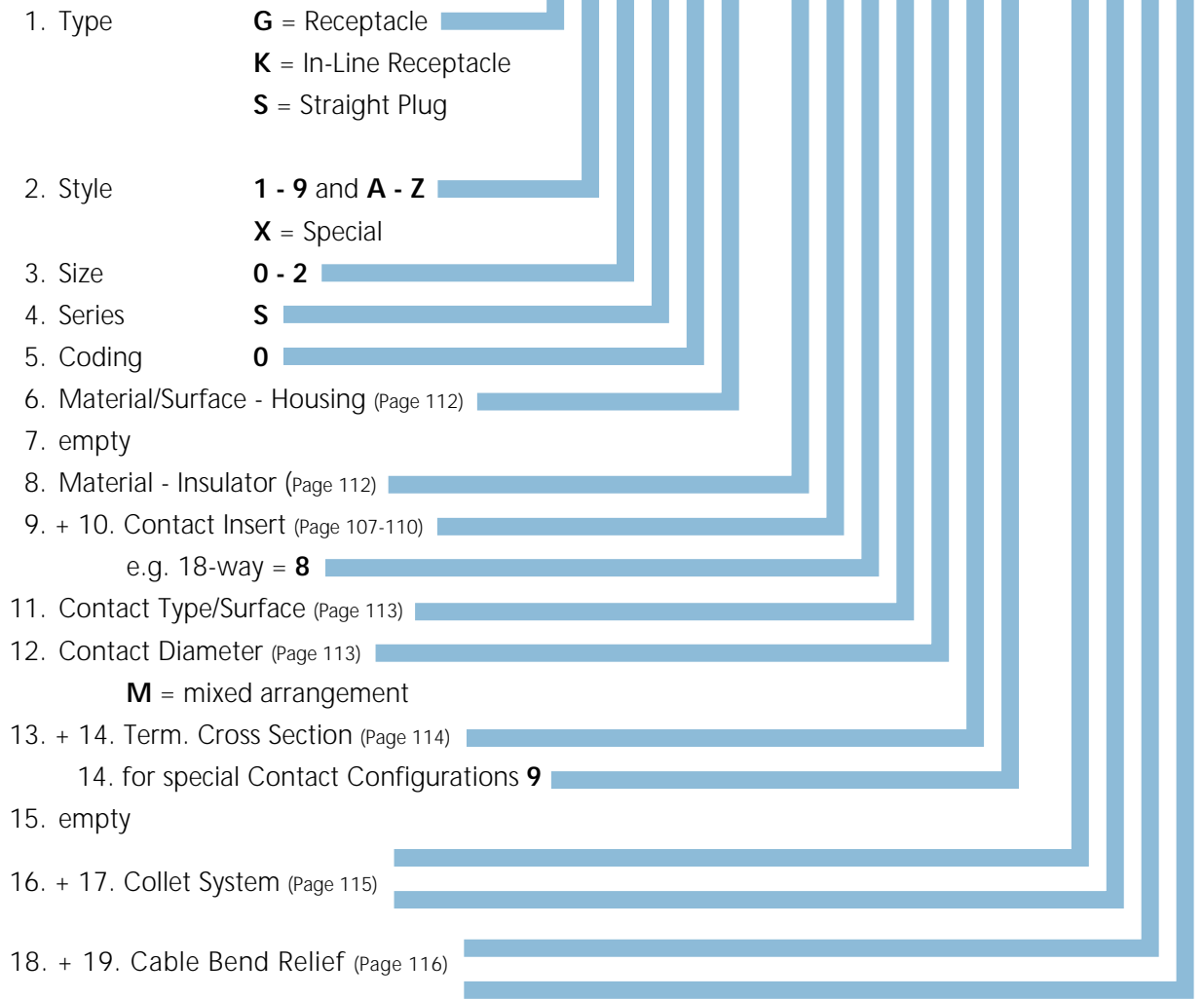
1

2

The Part Number Key

Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | | - | | | |



Example:

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| G | 5 | 2 | S | 0 | C | - | T | 0 | 8 | L | J | G | 0 | - | 0 | 0 | 0 | 0 |

Receptacle - Style 5 - Size 2 - Series S - Brass matt chromate Housing -
 PBT Insulator - 8pos. - Socket & Pin (solder) 0,75 µm Au - Term. Cross Section AWG22

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| S | 2 | 2 | S | 0 | C | - | T | 0 | 8 | M | J | G | 0 | - | 7 | 5 | E | P |

Plug - Style 2 - Size 2 - Series S - Brass matt chromate Housing -
 PBT Insulator - 8pos. - Pin & Socket (solder) 0,75 µm Au - Term. Cross Section AWG22 -
 Cable Diameter 7.1-7.5 -Blue Cable Bend Relief - Material PUR

Part Number Key

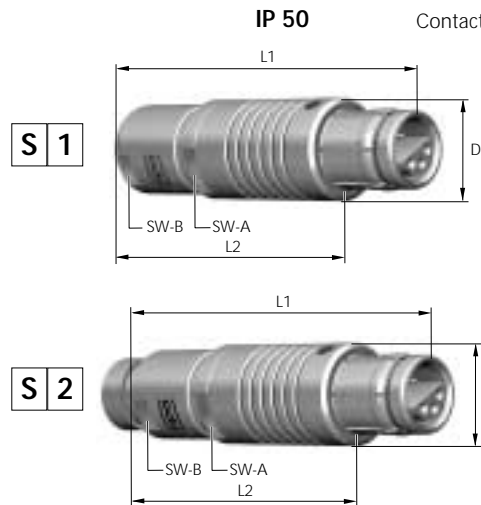
| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |



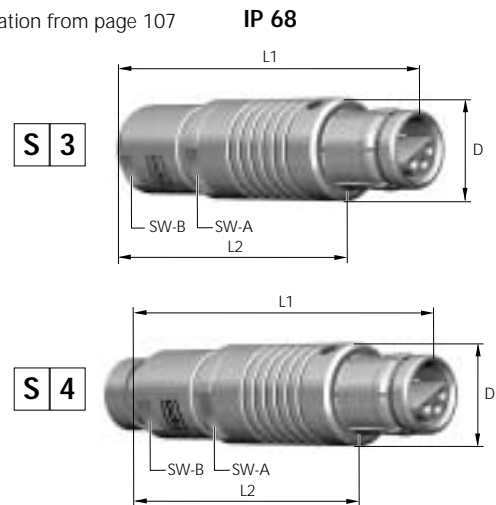
Straight Plug

(Suitable for all following receptacles and in-line receptacles)

- S 1** - IP 50 – with Standard Back Nut
- S 2** - IP 50 – with Back Nut for Cable Bend Relief
- S 3** - IP 68 – watertight with Standard Back Nut
- S 4** - IP 68 – watertight with Back Nut for Cable Bend Relief



| Size | Dimensions in mm | | | | |
|------|------------------|------|-----|------|------|
| | L1 | L2 | D | SW-A | SW-B |
| 0 | ~ 37 | ~ 28 | 9,4 | 8 | 7 |
| 1 | ~ 47 | ~ 35 | 12 | 10 | 10 |
| 2 | ~ 50 | ~ 38 | 15 | 13 | 12 |



| Size | Dimensions in mm | | | | |
|------|------------------|------|-----|------|------|
| | L1 | L2 | D | SW-A | SW-B |
| 0 | ~ 40 | ~ 30 | 9,4 | 8 | 7 |
| 1 | ~ 49 | ~ 38 | 12 | 10 | 10 |
| 2 | ~ 53 | ~ 40 | 15 | 13 | 12 |

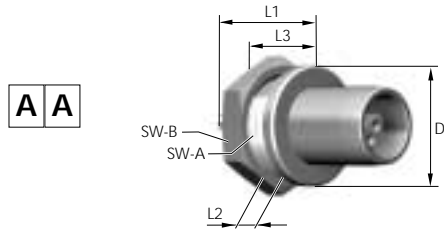
Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | | | - | | | | | | | | - | | | 0 | 0 |

Panel-Mounted Plug

(Suitable for all following receptacles and in-line receptacles)

A A - IP 50 – with hex nut, non latching



Contact configuration from page 27

| Size | Dimensions in mm | | | | | | Panel Cut-Out |
|------|------------------|-----|------|----|------|------|------------------|
| | L1 | L2 | L3 | D | SW-A | SW-B | |
| 0 | 17 | 5,8 | 24,5 | 10 | 8,2 | 11 | SW 8,3 / Ø 9,1 |
| 1 | 22,3 | 10 | 29,5 | 14 | 10,5 | 14 | SW 10,6 / Ø 12,1 |
| 2 | 23,5 | 9,7 | 31,5 | 18 | 13,5 | 17 | SW 13,6 / Ø 15,1 |
| 3 | 29 | 12 | 33 | 22 | 16,5 | 22 | SW 16,6 / Ø 18,1 |

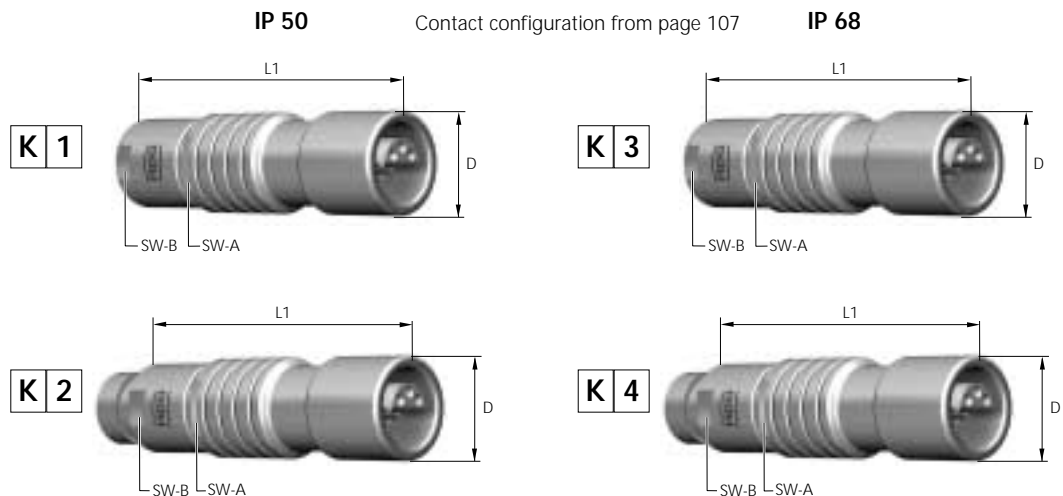
Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |



In-Line Receptacle

- K 1** - IP 50 – with Standard Back Nut
- K 2** - IP 50 – with Back Nut for Cable Bend Relief
- K 3** - IP 68 – watertight with Standard Back Nut
- K 4** - IP 68 – watertight with Back Nut for Cable Bend Relief



| Size | Dimensions in mm | | | |
|------|------------------|----|------|------|
| | L1 | D | SW-A | SW-B |
| 0 | ~ 36 | 10 | 8 | 7 |
| 1 | ~ 43 | 12 | 10 | 10 |
| 2 | ~ 50 | 15 | 13 | 12 |

| Size | Dimensions in mm | | | |
|------|------------------|----|------|------|
| | L1 | D | SW-A | SW-B |
| 0 | ~ 40 | 10 | 8 | 7 |
| 1 | - | - | - | - |
| 2 | ~ 51 | 16 | 13 | 12 |

ODU-MINI-SNAP In-Line Receptacle connect to plug for cable-to-cable connection.

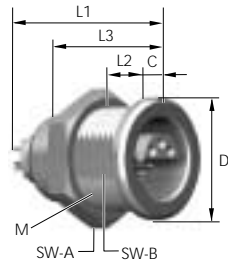
Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |

¹⁾ L1 = Maximum Length incl. Contact Insert
²⁾ L3 = Length of Housing

Receptacle

G 1 Style 1 – ODU-MINI-SNAP RECEPTACLE IP 50, installation from front of panel

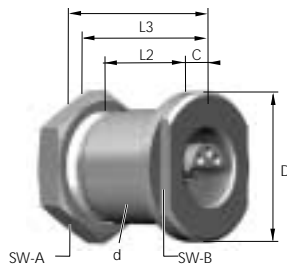


Technical Data

- IP 50
- anti-rotation feature
- contact configuration from page 107

| Size | Dimensions in mm | | | | | | | | Panel Cut-Out |
|------|------------------|-------|------------------|--------|------|------|------|-----|------------------|
| | ¹⁾ L1 | L2 | ²⁾ L3 | M | D | SW-A | SW-B | C | |
| 0 | ~19,5 | ~ 9,0 | 14,5 | 9x0,5 | 10,0 | 11,0 | 8,2 | 1,5 | SW 8,3 / Ø 9,1 |
| 1 | ~23,0 | ~ 8,0 | 16,5 | 12x1,0 | 14,0 | 14,0 | 10,0 | 1,5 | SW 10,1 / Ø 12,1 |
| 2 | ~25,5 | ~10,0 | 18,5 | 15x1,0 | 18,0 | 17,0 | 13,5 | 2,0 | SW 13,6 / Ø 15,1 |

G 2 Style 2 – ODU-MINI-SNAP WATERTIGHT RECEPTACLE IP 68*, installation from front of panel



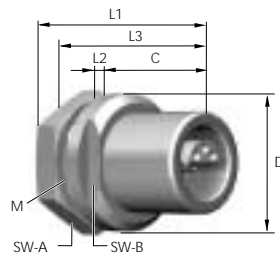
Technical Data

- IP 68
- contact configuration from page 107
- distance ring for wall-thickness adjustment, see page 163

| Size | Dimensions in mm | | | | | | | | | Panel Cut-Out |
|------|------------------|------------------|------------------|--------|------|------|------|-----|------|---------------|
| | ¹⁾ L1 | ³⁾ L2 | ²⁾ L3 | M | D | SW-A | SW-B | C | d | |
| 2 | ~27,0 | ~13,0 | 23,0 | 16x1,0 | 22,0 | 19,0 | 17,0 | 4,0 | 16,0 | Ø 16,1 |

³⁾ Min. wallthickness without using a distance ring

G 4 Style 4 – ODU-MINI-SNAP WATERTIGHT RECEPTACLE IP 68*, installation from front of panel with low rear profile



Technical Data

- IP 68
- contact configuration from page 107

| Size | Dimensions in mm | | | | | | | | Panel Cut-Out |
|------|------------------|-------|------------------|--------|------|------|------|------|------------------|
| | ¹⁾ L1 | L2 | ²⁾ L3 | M | D | SW-A | SW-B | C | |
| 0 | ~21,5 | ~ 4,5 | 18,5 | 9x0,5 | 14,5 | 11,0 | 12,0 | 12,0 | SW 8,3 / Ø 9,1 |
| 1 | ~25,0 | ~ 4,0 | 22,5 | 14x1,0 | 18,0 | 17,0 | 14,0 | 15,5 | SW 12,1 / Ø 14,1 |

*Reference: Potted Receptacle please see page 183 III.

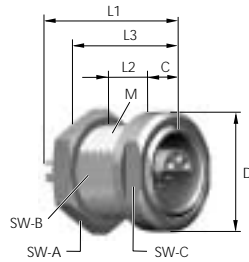
Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | | S | 0 | - | | | | | | | | | - | | | |

¹⁾ L1 = Maximum Length incl. Contact Insert
²⁾ L3 = Length of Housing


Receptacle

G 5 **Style 5** – ODU-MINI-SNAP RECEPTACLE IP 50, CONTINUOUS THREAD, installation from rear or front of panel. Front extension adjustable

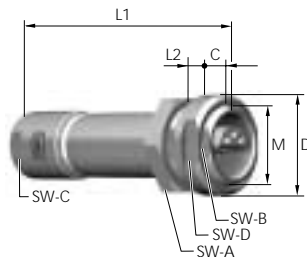


Technical Data

- IP 50
- anti-rotation feature
- contact configuration from page 107


| Size | Dimensions in mm | | | | | | | | |  Panel Cut-Out |
|------|------------------|-------|------------------|--------|------|------|------|------|-----|---|
| | ¹⁾ L1 | L2 | ²⁾ L3 | M | D | SW-A | SW-B | SW-C | C | |
| 0 | ~19,5 | ~ 8,0 | 14,5 | 9x0,5 | 11,5 | 11,0 | 8,2 | 10,0 | 2,5 | SW 8,3 / Ø 9,1 |
| 1 | ~23,0 | ~ 7,0 | 16,5 | 12x1,0 | 15,0 | 14,0 | 10,5 | 13,0 | 4,0 | SW 10,6 / Ø 12,1 |

G 6 **Style 6** – ODU-MINI-SNAP RECEPTACLE IP 50 WITH STRAIN RELIEF, without flange, with two nuts, installation from rear or front of panel

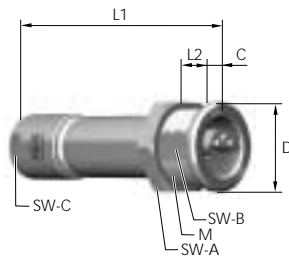


Technical Data

- IP 50
- anti-rotation feature
- contact configuration from page 107


| Size | Dimensions in mm | | | | | | | | |  Panel Cut-Out |
|------|------------------|-------|--------|------|------|------|------|------|-----|---|
| | L1 | L2 | M | D | SW-A | SW-B | SW-C | SW-D | D | |
| 1 | ~44,0 | ~ 4,0 | 12x1,0 | 15,0 | 14,0 | 10,5 | 10,0 | 13,0 | 4,0 | SW 10,6 / Ø 12,1 |
| 2 | ~49,0 | ~ 7,0 | 15x1,0 | 20,0 | 17,0 | 13,5 | 12,0 | 17,0 | 4,0 | SW 13,6 / Ø 15,1 |

G 7 **Style 7** – ODU-MINI-SNAP RECEPTACLE IP 50, WITH STRAIN RELIEF, installation from front of panel



Technical Data

- IP 50
- anti-rotation feature
- contact configuration from page 107

| Size | Dimensions in mm | | | | | | | |  Panel Cut-Out |
|------|------------------|------|-------|------|------|------|------|-----|---|
| | L1 | L2 | M | D | SW-A | SW-B | SW-C | C | |
| 0 | ~36,0 | ~7,0 | 9x0,5 | 10,0 | 11,0 | 8,2 | 7,0 | 1,5 | SW 8,3 / Ø 9,1 |

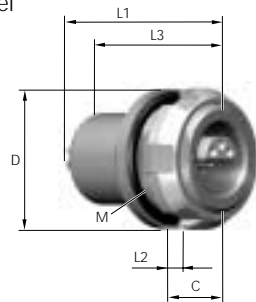
Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |

¹⁾ L1 = Maximum Length incl. Contact Insert
²⁾ L3 = Length of Housing


Receptacle

G 8 **Style 8** – ODU-MINI-SNAP **WATERTIGHT RECEPTACLE IP 68***, with slotted nut, installation from rear of panel

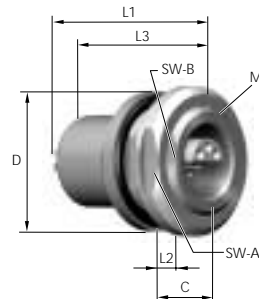


Technical Data

- IP 68
- anti-rotation feature
- contact configuration from page 107
- nutdriver for slotted mounting nut see page 168


| Size | Dimensions in mm | | | | | |  | Panel Cut-Out |
|------|------------------|-------|------------------|--------|------|-----|--|---------------|
| | ¹⁾ L1 | L2 | ²⁾ L3 | M | D | C | | |
| 0 | ~21,5 | ~ 3,5 | 18,5 | 10x0,5 | 14,5 | 6,5 | SW 9,1 / Ø 10,1 | |
| 2 | ~27,0 | ~ 3,0 | 23,0 | 16x1,0 | 21,0 | 8,0 | SW 15,1 / Ø 16,1 | |

G D **Style D** – ODU-MINI-SNAP **RECEPTACLE IP 68***, with round nut, installation from rear of panel

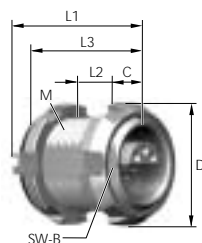


Technical Data

- IP 50
- anti-rotation feature
- contact configuration from page 107


| Size | Dimensions in mm | | | | | | | |  | Panel Cut-Out |
|------|------------------|-------|------------------|--------|------|------|------|-----|---|---------------|
| | ¹⁾ L1 | L2 | ²⁾ L3 | M | D | SW-A | SW-B | C | | |
| 0 | ~22,5 | ~ 4,0 | 18,5 | 10x0,5 | 14,5 | 12,0 | 9,0 | 6,5 | SW 9,1 / Ø 10,1 | |
| 2 | ~29,0 | ~ 5,0 | 23,0 | 16x1,0 | 21,0 | 19,0 | 15,0 | 8,0 | SW 15,1 / Ø 16,1 | |

G Q **Style Q** – ODU-MINI-SNAP **RECEPTACLE IP 50, CONTINUOUS THREAD**, (see style 5, but 2 special nuts) installation from rear or front of panel. Extension in front of panel is adjustable



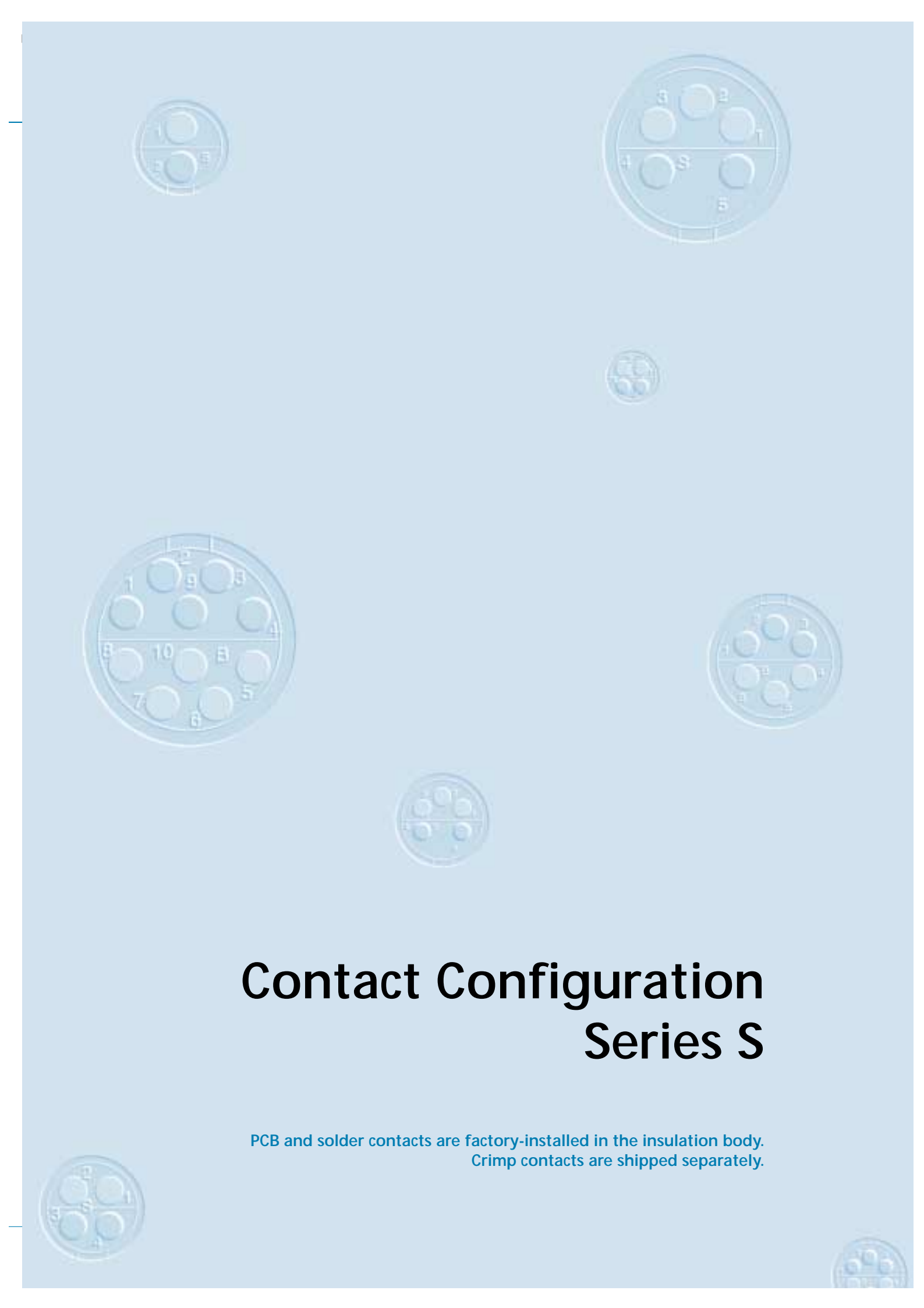
Technical Data

- IP 50
- anti-rotation feature
- contact configuration from page 107
- nutdriver for slotted mounting nut, see page 168

| Size | Dimensions in mm | | | | | | |  | Panel Cut-Out |
|------|------------------|-------|------------------|-------|------|------|-----|---|---------------|
| | ¹⁾ L1 | L2 | ²⁾ L3 | M | D | SW-B | C | | |
| 0 | ~19,5 | ~ 7,0 | 14,5 | 9x0,5 | 12,0 | 8,2 | 3,0 | SW 8,3 / Ø 9,1 | |

*Reference: Potted Receptacle please see page 183 III.



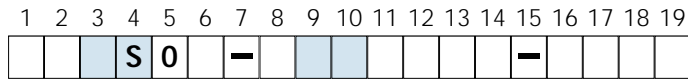


Contact Configuration Series S

PCB and solder contacts are factory-installed in the insulation body.
Crimp contacts are shipped separately.

Size 0

Part Number Key



| Standard-Polbilder ^{A)} | Size | Series | Positions | Positions | Contact ²⁾ Ø mm | Nominal Signal Contact Current Load in A [*] | Test Voltage acc. VDE 0627 ¹⁾ | Terminations ³⁾ | | | View on termination side | |
|----------------------------------|------|--------|-----------|-----------|-------------------------------|---|--|----------------------------|---------------------|-----|--------------------------|--------|
| | | | | | | | | Solder | Crimp ⁷⁾ | PCB | Pin Part | Socket |
| | 0 | S | 0 2 | 2 | 0,9 | 10 | 1000 VAC | ● | | | | |
| | 0 | S | 0 3 | 3 | 0,7 | 7 | 875 VAC | ● | | | | |
| | 0 | S | 0 4 | 4 | 0,7 | 7 | 875 VAC | ● | | | | |

¹⁾ In most cases the operating voltage according to MIL-STD-1344, Method 3001 is twice as high as according to VDE.

²⁾ Termination cross section see page 114

³⁾ Termination and surface see page 113

⁷⁾ Tools for assembly see page 165 to 168

* Derating Factor see page 186

^{A)} Standard Contact Configuration (compatible with other manufacturers)













➔ **Crimp and Print Termination on request**

Coaxial and triaxial connectors please see on page 146

Size 1

Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | S | 0 | - | | | | | | | | | | - | | | | |

| Standard-Polbilder ^{A)} | Size | Series | Positions | Positions | Contact ²⁾ Ø mm | Nominal Signal Contact Current Load in A * | Test Voltage acc. VDE 0627 ¹⁾ | Terminations ³⁾ | | | View on termination side | |
|----------------------------------|------|--------|-----------|-----------|-------------------------------|--|--|----------------------------|-----|----------|---|---|
| | 1 | S | 0 | 1 | | | Solder | Crimp ⁷⁾ | PCB | Pin Part | Socket | |
| | 1 | S | 0 | 1 | 2,0 | 22 | 1000 VAC | ● | | |  |  |
| | 1 | S | 0 | 2 | 1,3 | 14 | 1000 VAC | ● | | |  |  |
| | 1 | S | 0 | 3 | 0,9 | 10 | 1000 VAC | ● | | |  |  |
| | 1 | S | 0 | 4 | 0,9 | 10 | 1000 VAC | ● | ● | |  |  |
| | 1 | S | 0 | 5 | 2x0,9 3x0,7 | 10 7 | 1000 VAC | ● | | |  |  |
| | 1 | S | 0 | 6 | 0,7 | 7 | 1000 VAC | ● | | |  |  |

¹⁾ In most cases the operating voltage according to MIL-STD-1344, Method 3001 is twice as high as according to VDE.

²⁾ Termination cross section see page 114

³⁾ Termination and surface see page 113

⁷⁾ Tools for assembly see page 165 to 168

* Derating Factor see page 186

^{A)} Standard Contact Configuration (compatible with other manufacturers)

➔ Crimp and Print Termination on request

Coaxial and triaxial connectors please see on page 146

Size 2

Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | S | 0 | - | | | | | | | | | | - | | | | |

| | Size | Series | Positions | Positions | Contact ²⁾ Ø mm | Nominal Signal Contact Current Load in A * | Test Voltage acc. VDE 0627 ¹⁾ | Terminations ³⁾ | | | View on termination side | |
|--|------|--------|-----------|-----------|-------------------------------|--|--|----------------------------|---------------------|-----|--------------------------|--------|
| | | | | | | | | Solder ⁷⁾ | Crimp ⁷⁾ | PCB | Pin Part | Socket |
| Standard Contact Configuration ^{A)} | 2 | S | 0 | 2 | 1,6 | 17 | 1500 VAC | ● | | | | |
| | 2 | S | 0 | 4 | 1,3 | 14 | 1250 VAC | ● | ● | | | |
| | 2 | S | 0 | 5 | 1,3 | 14 | 1250 VAC | ● | | | | |
| | 2 | S | 0 | 6 | 1,3 | 14 | 1250 VAC | ● | | | | |
| | 2 | S | 0 | 8 | 0,9 | 10 | 875 VAC | ● | ● | | | |
| | 2 | S | 1 | 10 | 0,9 | 10 | 875 VAC | ● | ● | | | |

¹⁾ In most cases the operating voltage according to MIL-STD-1344, Method 3001 is twice as high as according to VDE.

²⁾ Termination cross section see page 114

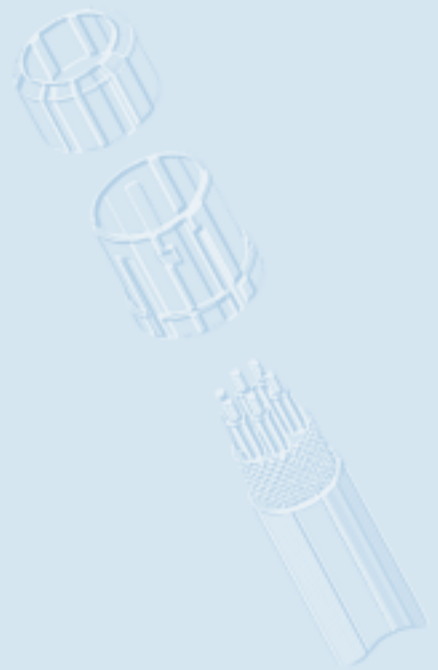
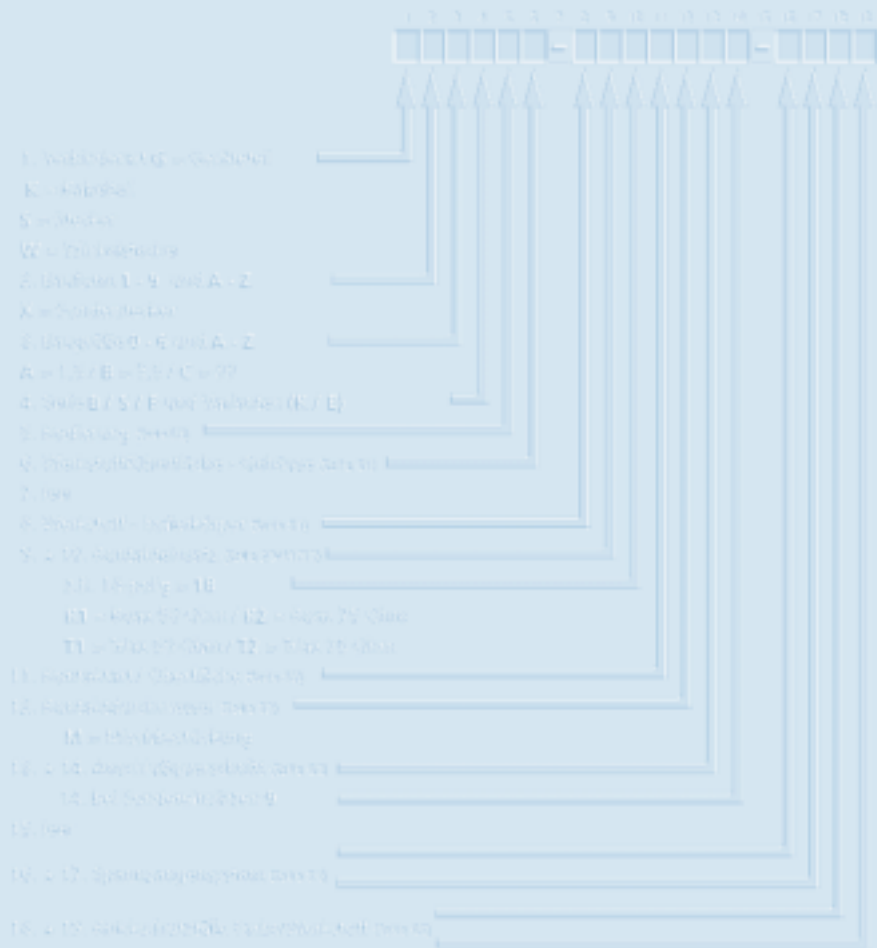
³⁾ Termination and surface see page 113

⁷⁾ Tools for assembly see page 165 to 168

* Derating Factor see page 186

^{A)} Standard Contact Configuration (compatible with other manufacturers)

→ Crimp and Print Termination on request



Details for the Part Number Key:

- Housing Materials / Surfaces
- Insulation Body Material
- Contacts
- Contact Termination Cross Section (AWG)
- Collet System
- Bend Protection Sleeves



Housing Materials / Surfaces

Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |



Standard

C

Cu-alloy / matt chromate

Special materials and surfaces on request.

N

Cu-alloy / nickel

S

Cu-alloy / black chromate

Insulation Body Material

Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |



T

PBT

P

PEEK

Additional materials on request.

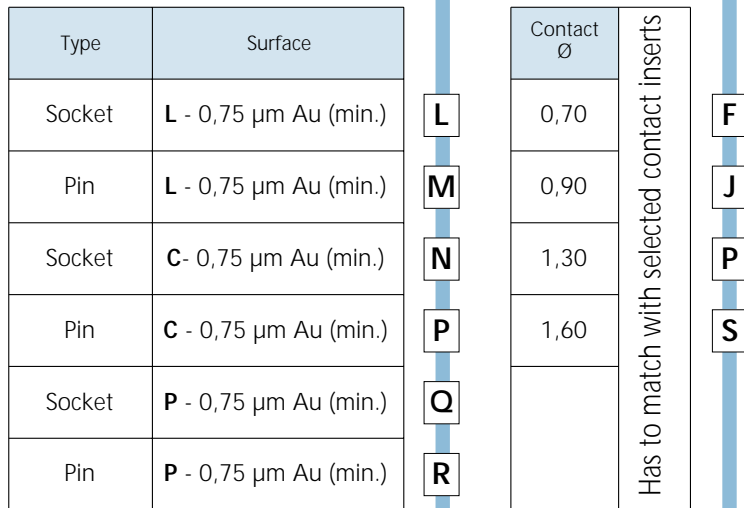
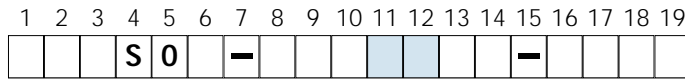
Turned Contact

| Article Number | PBT | PEEK |
|--------------------|-----|------|
| Solder Termination | ✓ | ✓ |
| Crimp Termination | ✓ | - |
| PCB Termination | ✓ | ✓ |

✓ = available

Contact Type / Contact Surface - Contact Diameter

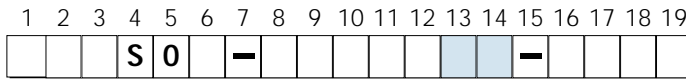
Part Number Key



- L = Solder termination
- C = Crimp termination
- P = PCB termination

Contact Termination Cross Sections

Part Number Key



Crimp Contact

| Contact Ø | Size | AWG | mm ² |
|-----------|------|-------|-----------------|
| 0,9 | 0 | 24/26 | 0,25/0,15 |
| 0,9 | 0 | 22 | 0,38 |
| 0,9 | 2 | 24/26 | 0,25/0,15 |
| 0,9 | 2 | 20/22 | 0,50/0,38 |
| 1,3 | 2 | 18 | 1,0 |



| | |
|---|---|
| D | 0 |
| G | 0 |
| D | 0 |
| H | 0 |
| L | 0 |

Tools for crimping and their adjustments see Page 166.

Solder Contact

| Contact Ø | Term. Ø | Term. Cross | |
|-----------|---------|-------------|-----------------|
| | | AWG | mm ² |
| 0,7 | 0,6 | 26 | 0,15 |
| 0,9 | 0,85 | 22 | 0,38 |
| 1,3 | 1,1 | 20 | 0,50 |
| 1,6 | 1,5 | 18 | 1,00 |

| | |
|---|---|
| D | 0 |
| G | 0 |
| H | 0 |
| N | 0 |

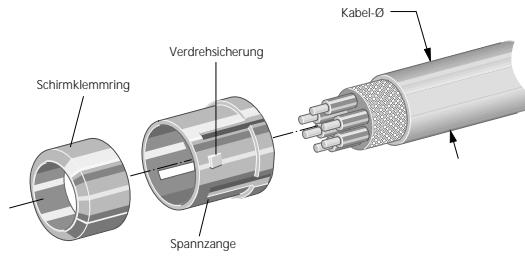
PCB Contact

| Contact Ø | Term. Ø |
|-----------|---------|
| 0,9 | 0,7 |

| | |
|---|---|
| 0 | 0 |
|---|---|

Collet System

Part Number Key

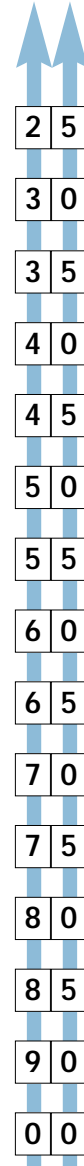


| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |

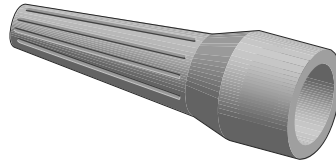
Insert: for all Plugs and In-Line Receptacles.

Application: **Collet nut** for strain relief,
EMI ring for conductive path between shield and housing.

| Cable diameter in mm | Size | | |
|-----------------------|------|---|---|
| | 0 | 1 | 2 |
| > 2,0 - 2,5 | ● | | |
| > 2,5 - 3,0 | ● | ● | ● |
| > 3,0 - 3,5 | ● | ● | ● |
| > 3,5 - 4,0 | ● | ● | ● |
| > 4,0 - 4,5 | ● | ● | ● |
| > 4,5 - 5,0 | ● | ● | ● |
| > 5,0 - 5,5 | | ● | ● |
| > 5,5 - 6,0 | | ● | ● |
| > 6,0 - 6,5 | | ● | ● |
| > 6,5 - 7,0 | | ● | ● |
| > 7,0 - 7,5 | | | ● |
| > 7,5 - 8,0 | | | ● |
| > 8,0 - 8,5 | | | ● |
| > 8,5 - 9,0 | | | ● |
| without collet system | | | |



Cable Bend Relief



Part Number Key

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | S | 0 | | - | | | | | | | | - | | | | |

Color of the Cable Bend Relief

| Color / RAL-Number <small>(similar)</small> | |
|--|----------|
| red | RAL 3020 |
| white | RAL 9010 |
| yellow | RAL 1016 |
| green | RAL 6029 |
| blue | RAL 5002 |
| grey | RAL 7005 |
| black | RAL 9005 |
| orange | RAL 2004 |
| purple | RAL 4005 |
| brown | RAL 8016 |
| light green | RAL 6018 |
| light blue | RAL 5012 |
| Material | |
| PUR | |
| without cable bend relief | |



Temperature range
 PUR -40 °C up to +80 °C
 Short-term up to +120 °C