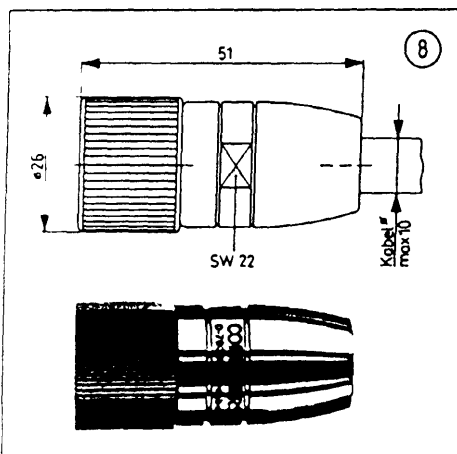
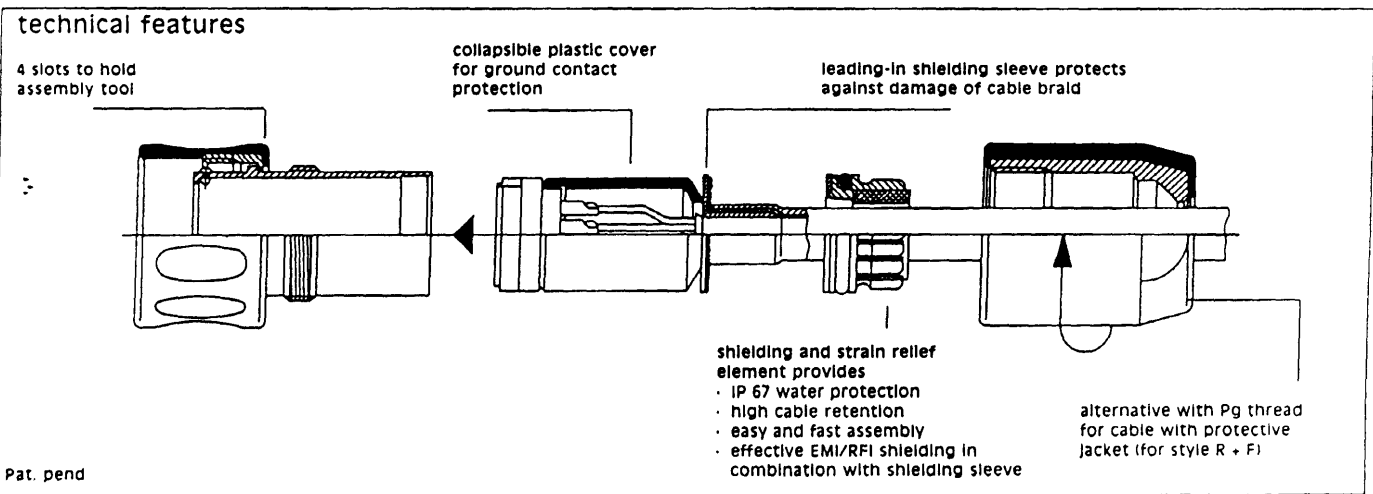
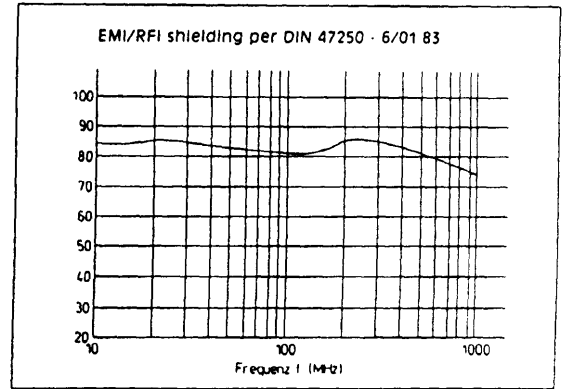


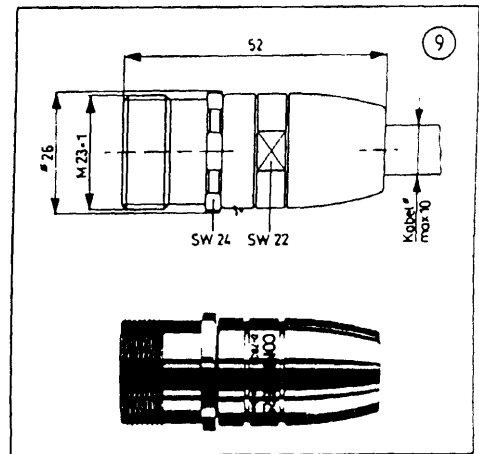
Cable Plugs and cable-connecting receptacles shieldable versions

- effective EMI/RFI shielding
- braided cable shield-contacts horizontally and vertically to shell
- easy assembly
- inside cable strain relief
- large selection of shielding sleeves to accommodate most cable types



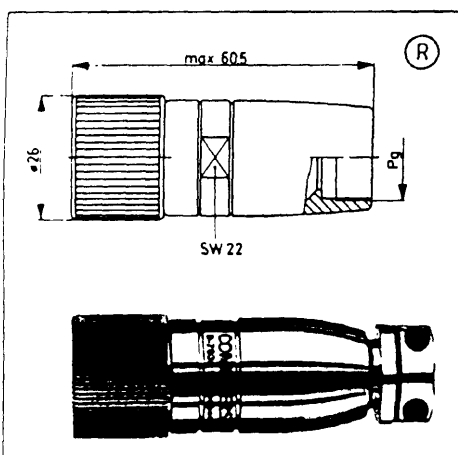
style 8
cable plug
straight cable entry
(no Pg thread)

Partno.: X8 X9: 80

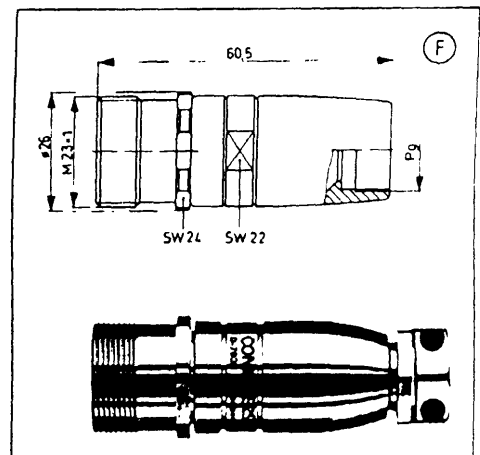


style 9
cable-connecting receptacle
straight cable entry
(no Pg thread)

Partno.: X8 X9: 90

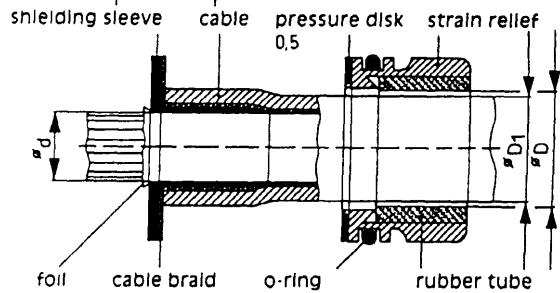


style R
cable plug
straight cable entry with Pg 9
or Pg 11 add. strain relief
for cable with protective jacket
Partno.: X8: R
X9: see cable glands



style F
cable-connecting receptacle
straight cable entry with Pg 9
or Pg 11 add. strain relief
for cable with protective jacket
Partno.: X8: F
X9: see cable glands

Standard shielding sleeves

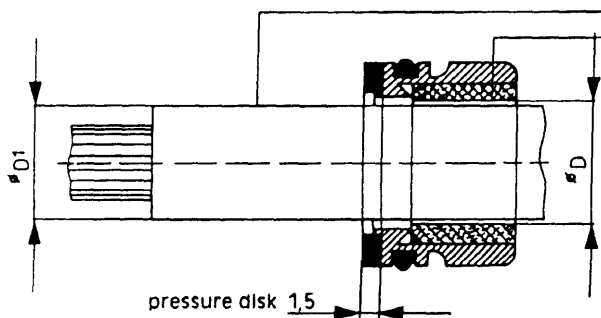


Due to the large selection of different shielding sleeve diameters most cable types can be accommodated. CONINVERS may assist in determining the most suitable shielding sleeve and rubber tube upon sending a cable sample.

add. versions e.g. for double shielded cable available

d	D ₁	D	X ₁₀ X ₁₁	d	D ₁	D	X ₁₀ X ₁₁
2,5	3,0	4,0	53	4,6	7,5	8,5	03
2,5	4,0	5,0	57	5,2	6,5	7,5	63
3,2	4,0	5,0	58	5,2	7,5	8,5	64
3,2	5,0	6,0	50	5,2	9,0	10,0	05
3,6	5,0	6,0	59	5,5	7,0	7,5	84
3,6	6,5	7,5	60	5,5	7,5	8,5	49
3,8	5,0	6,0	61	5,5	9,5	10,0	04
3,8	8,5	10	99	6,2	9,5	10,0	00
3,8	6,5	7,5	62	6,6	9,5	10,0	06
4,1	5,0	6,0	54	7,0	9,5	10,0	52
4,1	6,5	7,5	56	7,4	9,5	10,0	51
4,1	7,5	8,5	95	7,4	10,0	11,0	96
4,6	6,5	7,5	55	7,7	8,5	10,0	98
				7,7	10,0	11,0	97

Lead through version



to be able to use the advantages of the shieldable type connectors - without shielding - the strain relief element requires a different pressure disk.

cable o.d. max = D₁
 rubber tube i.d. = D

Ø D	D ₁	X ₁₀ X ₁₁
4,0	2,5 - 3,5	M1
5,0	3,5 - 4,5	P1
6,0	4,5 - 5,5	Q1
7,5	5,5 - 7,0	R1
8,5	7,0 - 8,0	S1
10,0	8,0 - 9,5	T1
11,0	9,5 - 10,5	U1

Technical data

Mechanical data

Shell : copper-zinc alloy (CuZn), zinc diecasting
 plating : nickel (standard), black chromated
 inserts : thermoplastic polyester (UL 94V-0)
 contacts : copper-zinc alloy (CuZn)
 plating: hardgold
 gaskets : neoprene (CR) standard, Viton

operating temperature : -40 °C / +125 °C

environmental

protection : IP 67 per DIN 40050 (mated)

cable inlet : Pg 7-Pg 13,5 for cable o.d. 4-14 mm (page 19)
 shielded versions strain relief element for cable o.d. 4-10 mm (page 14)

approvals : UL recognized File # E 153 698

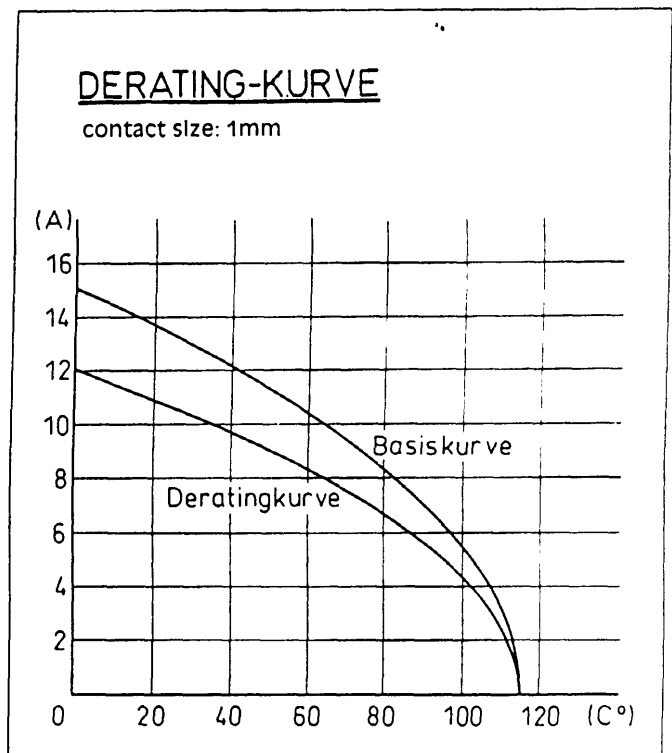
UNDERWRITERS LABORATORIES INC.



Electrical data

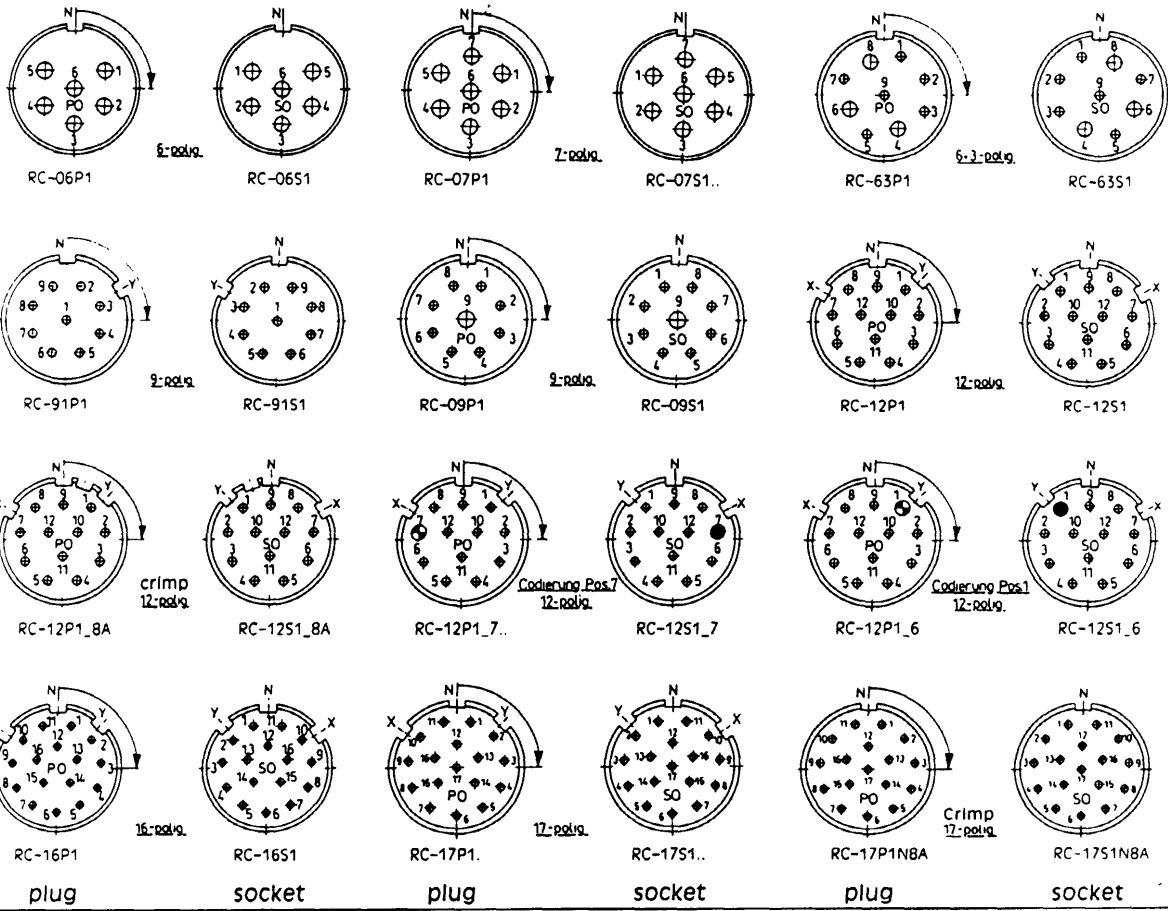
Number of positions	6, 7	9	12	16	17
Current rating contact size 1 mm		7,5 A	7,5 A	7,5 A	7,5 A
contact size 2 mm	16 A	16 A			
voltage rating (per VDE 0110b, 2/79)	380 - V 450 - V	250 - V 300 - V	250 - V 300 - V	125 - V 150 - V	125 - V 150 - V
insulation group	A	A	A	A	A
	125 - V 150 - V B	60 - V 75 - V B	60 - V 75 - V B	60 - V 75 - V B	60 - V 75 - V B
	60 - V 75 - V C				
test voltage	1,5 KV -	1,5 KV -	1,5 KV -	1,0 KV -	1,0 KV -
contact resistance	< 5 m Ohm	< 5 m Ohm	< 5 m Ohm	< 5 m Ohm	< 5 m Ohm
insulation resistance	> 10 ⁸ Ohm	> 10 ⁸ Ohm	> 10 ⁸ Ohm	> 10 ⁸ Ohm	> 10 ⁸ Ohm

Tropic or see water resistant versions upon request

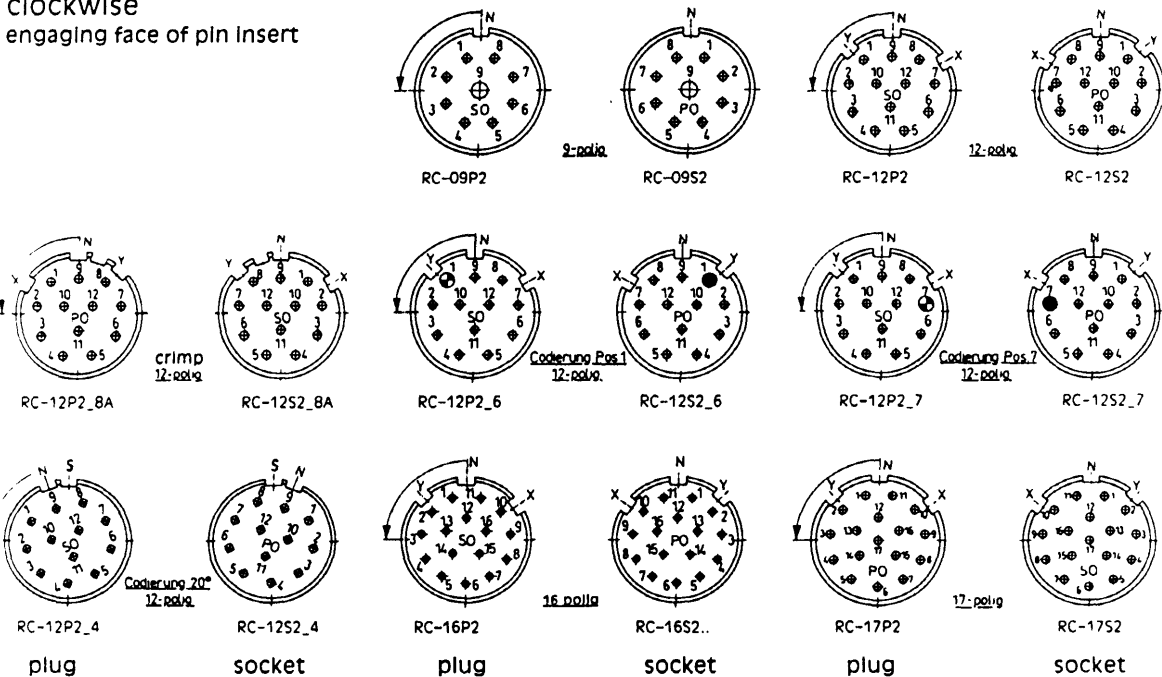


Contact arrangements

numbering clockwise
engaging face of pin Insert



numbering counter
clockwise
engaging face of pin Insert



⊕ coding pin: 2 mm dia. ● coding bore (socket) 2,2 mm dia.

IMPORTANT: Part number definition of numbering of socket Insert (clockwise/counterclockwise) is made only by defining plug insert. Use part numbers only as shown. Versions clockwise and counterclockwise are plug compatible - do NOT use mixed.

720 6689
 720 6690
 720 6707
 720 6719

Part No.: RC- X1 X2 X3 X4 X5 X6 X7 X8 X9 X10

Number of positions

- 05 = 5 pos.
- 07 = 7 pos.
- 09 = 9 pos. (8 + 1)
- 63 = 9 pos. (6 + 3)
- 91 = 9 pos. (9 x 1)
- 12 = 12 pos.
- 2R = 12 pos. (+ spring blade)
- 16 = 16 pos.
- 17 = 17 pos.

Contact version

- P = pin
- S = socket
- A = pin/socket (type S + V)
- B = pin/pin (type S + V)
- C = socket/socket (type S + V)
- E = socket/pin (type S)

Insert numbering

- 1 = clockwise
- 2 = counterclockwise
- 3 = clockwise/coupling nut lockable
- 4 = counterclockw./coupling nut locka

Insert position

- N = normal
- X = coding 60°
- Y = coding 45°
- S = coding 20°
- L = Insert unassembled

Contact termination

- 1 = solder cup
- 6 = solder cup + cod. In pos. 1
- 7 = solder cup + cod. In pos. 7
- F = dip solder
 - ∅ 1,0 x 3,0 lg. contact ∅ 1
 - ∅ 1,5 x 3,0 lg. contact ∅ 2
- G = dip solder ∅ 1,5 x 3,0 lg. contact ∅ 2
- 2 = dip solder
 - ∅ 0,6 x 3,5 lg. contact ∅ 1
 - ∅ 1,5 x 3,5 lg. contact ∅ 2
- 9 = dip solder
 - ∅ 1,0 x 3,5 lg. contact ∅ 1
 - ∅ 1,5 x 3,5 lg. contact ∅ 2
- 3 = dip solder
 - ∅ 1,0 x 4,5 lg. contact ∅ 1
 - ∅ 1,5 x 4,5 lg. contact ∅ 2
- E = dip solder ∅ 1,5 x 4,5 lg. contact ∅ 1
- D = dip solder ∅ 1,2 x 11,0 lg. contact ∅ 1
- B = dip solder ∅ 1,5 x 11,0 lg. contact ∅ 1
- C = dip solder
 - ∅ 1,2 x 11,0 lg. contact ∅ 1
 - ∅ 1,5 x 11,0 lg. contact ∅ 2
- 5 = dip solder
 - ∅ 1,2 x 17,5 lg.** contact ∅ 1
 - ∅ 1,5 x 17,5 lg. contact ∅ 2
- 8 = crimp insert (contacts page 17)
- 4 = Hybridcontact solder/crimp 0,14 - 0,40 mm²
- K = Hybridcontact solder/crimp 0,14 - 0,65 mm²
- L = Hybridcontact solder/crimp 0,50 - 1,00 mm²

Contact plating

- 0 = 0,8µ Au (microns)
- 1 = 0,5µ Au (microns)
- 2 = 0,2µ Au (standard)
- A = crimp insert (contacts page 17)

Connector shell style

1 through Z (see page 6)

For shell styles with

- Pg thread
- 0 = Pg 7 thread only
- 1 = Pg 9 thread only
- 2 = Pg 11 thread only
- 3 = Pg 13,5 thread only
- 4 = Pg 7 Incl. standard cable gland
- 5 = Pg 9 Incl. standard cable gland
- 6 = Pg 11 Incl. standard cable gland
- 7 = Pg 13,5 Incl. standard cable gland
- A = Pg 7 Incl. screw lever version
- B = Pg 9 Incl. screw lever version
- C = Pg 11 Incl. screw lever version
- D = Pg 13,5 Incl. screw lever version
- H = Pg 7 Incl. IP 68 version
- I = Pg 9 Incl. IP 68 version
- K = Pg 11 Incl. IP 68 version
- L = Pg 13,5 Incl. IP 68 version

for receptacles:
 type of seals/
 mounting def

(ordering inf
 see pages 8-11)

Shielding sleeve size (see page 14) and/or modifications

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