Product sheet
Subminiature connector

binder

Product	**Contacts: 4, female panel mount connector**	Area	**Micro Push-Pull IP67 Series 420**
Pole	**4**	Article number	**09 4712 00 04**

Illustration

Scale drawing

14,75
11,75
3,6
2,5
M10 x 0,75
Ø 12,6
Ø 12
SW 11mm
min. 0,5
max. 3,5

Contact Arrangement

	X	Y
1	-0,96	-0,96
2	-0,96	0,96
3	0,96	0,96
4	0,96	-0,96

You can find the item description and assembly instruction on the next page.

Technical data

Common values

Connector Design	Female panel mount connector
Connector locking system	Micro Push-Pull
Termination	Solder
Wire gauge (mm)	0.14 mm²
Wire gauge (AWG)	26
Upper temperature	80 °C
Lower temperature	-40 °C

Cable data

material housing	-
Insulation single lead	-
Single lead structure	-
Conductor resistance	-

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	2
Overvoltage category	II
Material group	II
Rated current (40°C)	1 A
Volume resistivity	≤ 8 mΩ
EMV compliance	not shieldable
Degree of protection	IP67
Mechanical operation	> 1000 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PA
Material of housing	PA

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Item description
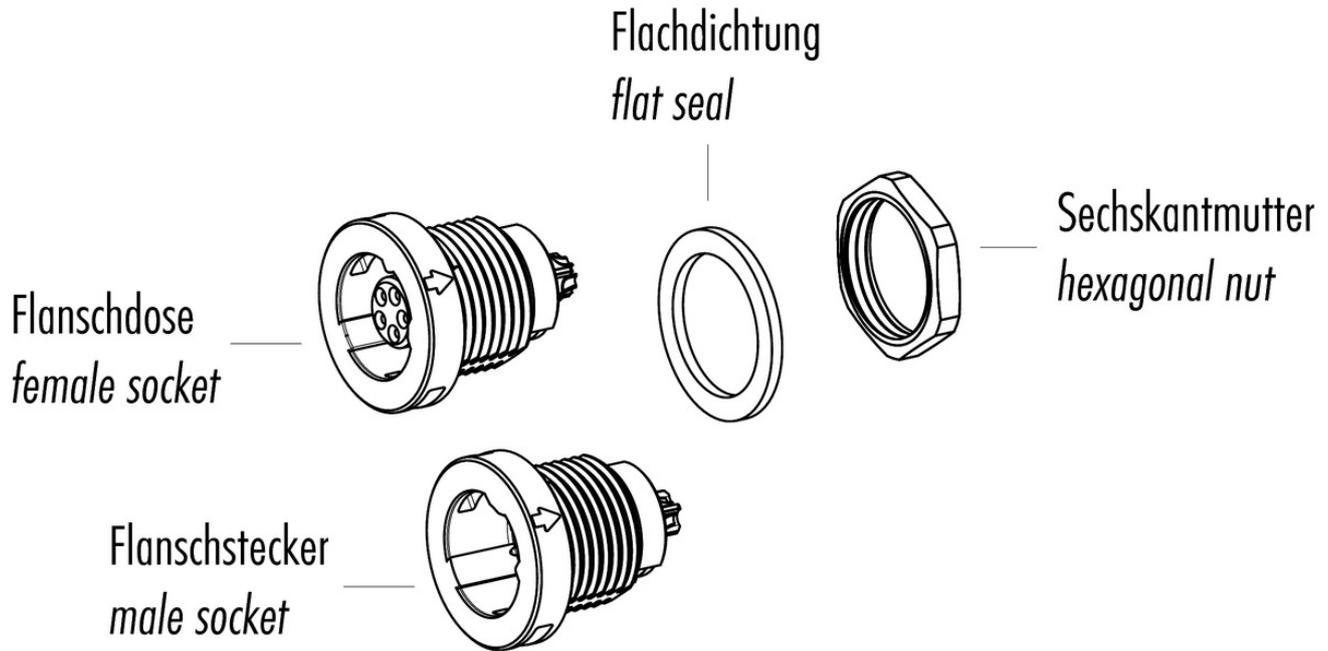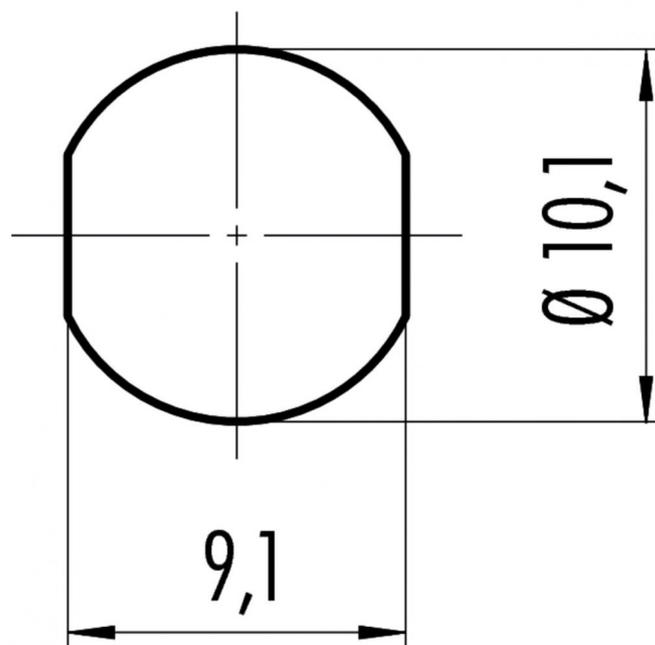
Flachdichtung
flat seal

Sechskantmutter
hexagonal nut

Flanschdose
female socket

Flanschstecker
male socket

Installation instructions / Mounting cutout

Ø 10,1

9,1

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Installation instructions / Mounting cutout

1. Abmanteln auf L = 9mm.
   Ummantelung abstreifen.
2. Dichtring in Klemmvorrichtung montieren.
   Druckschraube und Verriegelungseinheit auf Kabel
   auffädeln.
3. Litzen abisolieren (l = 3mm) und verzinnen.
4. Einsätze anlöten.
5. Verriegelungseinheit orientiert, Pfeilrichtung beachten,
   aufschieben und aufschrauben.
6. Druckschraube aufschieben und vor dem Festziehen
   an Schlüsselfläche kontern.

(Bei Demontage zuerst Druckschraube öffnen)

1. Strip to 9mm length and remove cable jacket.
2. Mount sealing ring to clamp device to cable
   Bead pressing screw and clamp device.
3. Strip the insulation off the wires (l = 3mm)
   and tin them.
4. Solder wires to solder cups.
5. Align locking unit, bear in mind direction of arrow,
   push forward and screw tightly.
6. Push pressing screw forward and secure them at flats.

(Before unmounting first open pressing screw.)