

Product data sheet

Miniature connectors

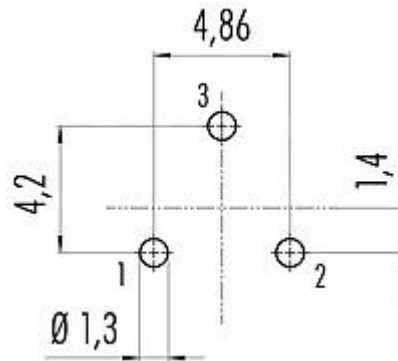


Product description	Snap-In IP67 Male panel mount connector, Contacts: 3, unshielded, THT, IP67, VDE
Area	Snap-In IP67 series 720
Part no.	99 9107 090 03

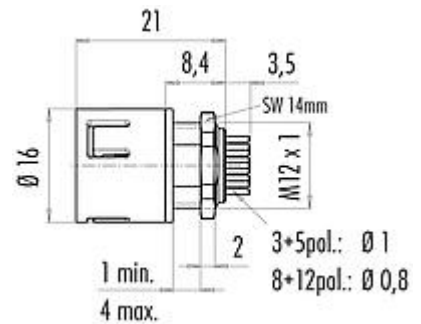
Illustration



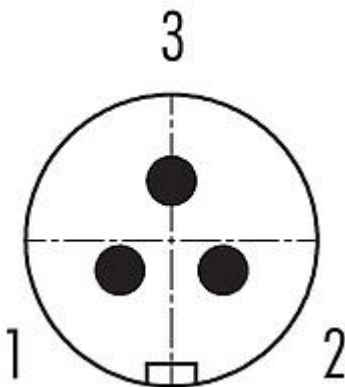
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing and assembly instructions on the next page.

Technical data

General features

Part no.	99 9107 090 03
Connector design	Male panel mount connector
Version	Connector pin straight
Connector locking system	snap-in
Termination	THT
Degree of protection	IP67
Cross-sectional area	max. 0.75 mm ² / AWG 18
Temperature range from/to	-25 °C / 85 °C



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Tightening torque screw nut	0.8 Nm
Mechanical operation	> 500 Mating cycles
Weight (g)	5.00
Customs tariff number	85369010

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current (40 °C)	7.0 A
Insulation resistance	$\geq 10^{10} \Omega$
Pollution degree	2
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

Material

Housing material	PA
Contact body material	PA (UL94 V-0) black
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	73f7d476-7d26-455d-85d8-046fe7c61694

Authorization/approvals

Approvals	VDE
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Classifications

eCl@ss 11.1	27-44-01-02
ETIM 7.0	EC002635

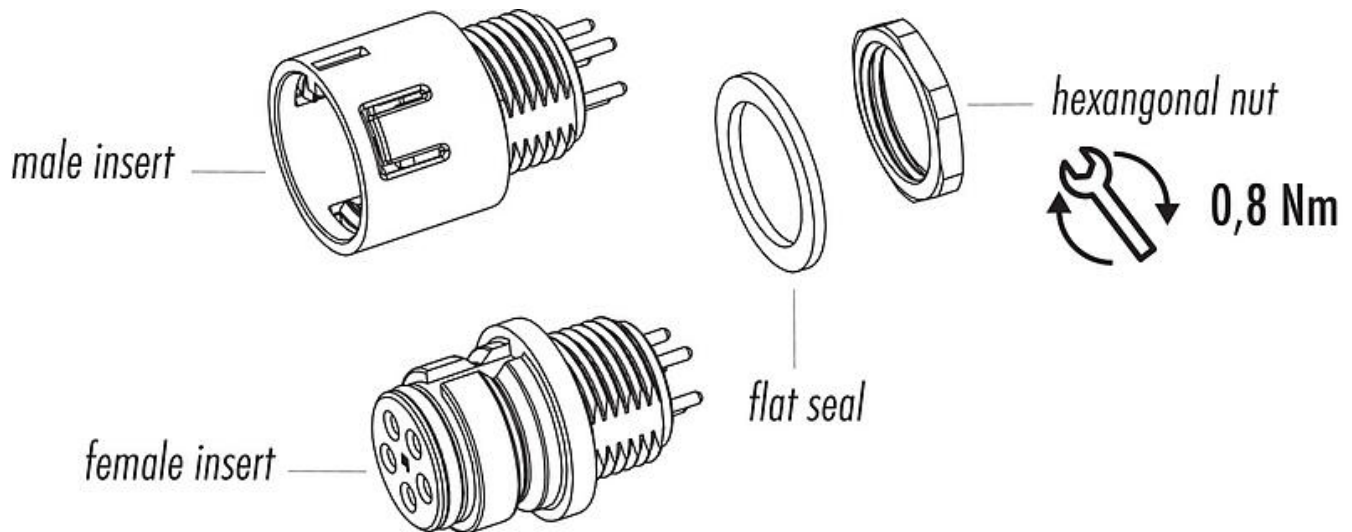


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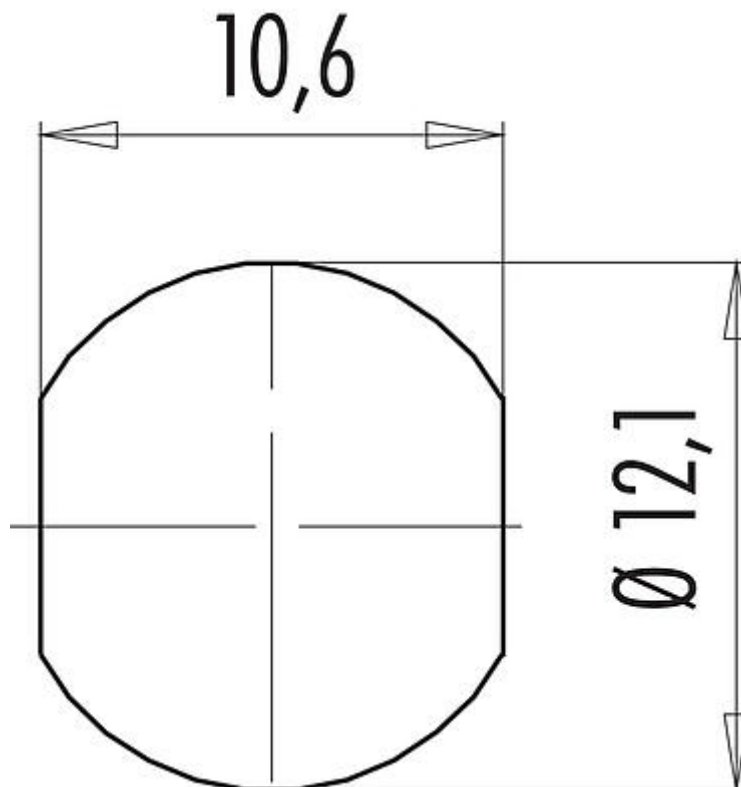
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Component part drawing



Assembly instructions / Panel cut-out



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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

To protect against unintentional opening of the connector, the thread between the housing and the connector head must be secured with a suitable cyanoacrylate adhesive when used in circuits with voltages dangerous to the touch. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.