

Product data sheet

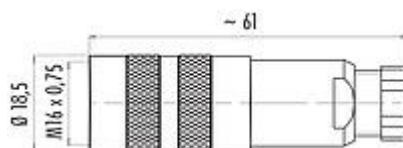
Miniature connectors

Product description	M16 IP67 female cable connector, Contacts: 12, 4.0 - 6.0 mm, shieldable, solder, IP67, UL
Area	M16 IP67 series 423
Part no.	99 5130 15 12

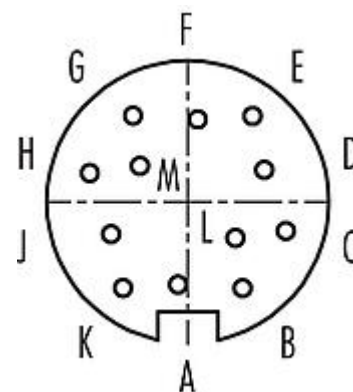
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	99 5130 15 12
Connector design	female cable connector
Version	female straight
Connector locking system	screw
Termination	solder
Degree of protection	IP67
Cross-sectional area	max. 0.25 mm ² / AWG 24
Cable outlet	4.0 - 6.0 mm
Temperature range from/to	-30 °C / 95 °C
Tightening torque sleeve	0,8 Nm
Mechanical operation	> 500 Mating cycles
Weight (g)	52.47
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current (40 °C)	3,0 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III

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EMC compliance shieldable
Shield connection shielding ring

Material

Housing material CuZn (Brass nickel plated)
Contact body material PBT (UL94 V-0)
Contact material CuSn (bronze)
Contact plating Au (gold)
REACH SVHC CAS 96-45-7 (Imidazolidine-2-thione)
CAS 7439-92-1 (Lead)
SCIP number fac4e21f-00f1-4635-a5b6-12145a098499

Authorization/approvals

Approvals UL

Classifications

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

Declarations of conformity

Low Voltage Directive 2014/35/EU (EN 60204-1:2018;EN 60529:1991)

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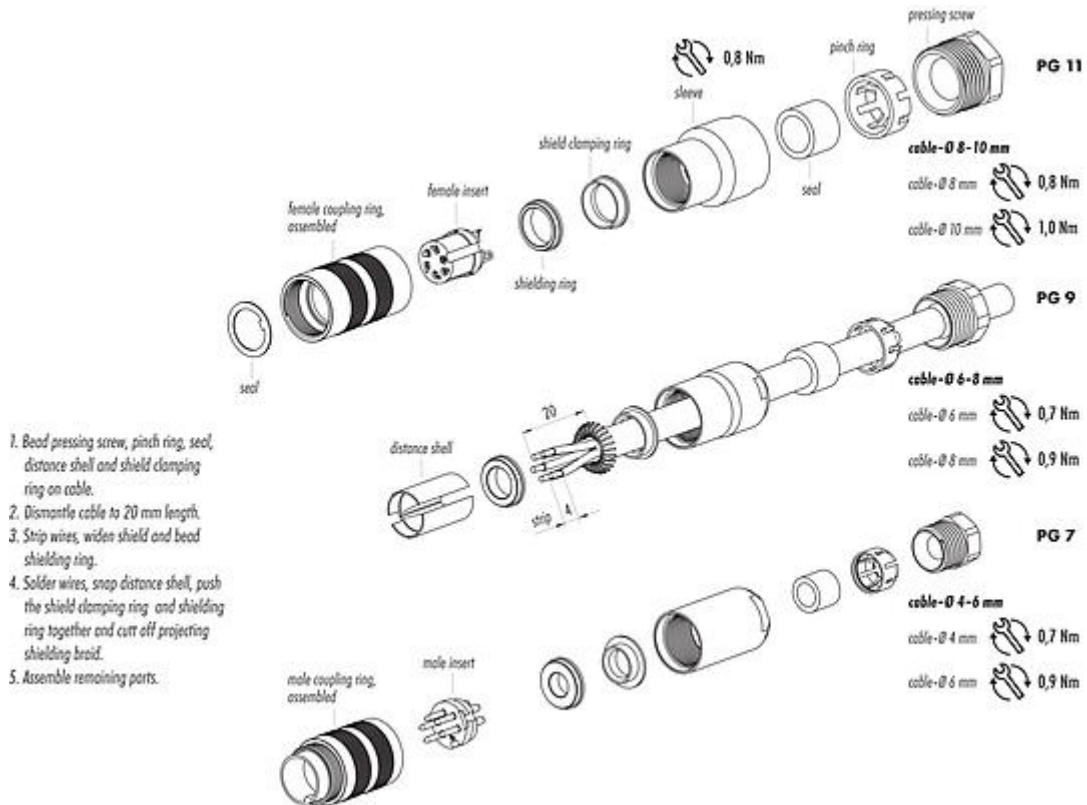
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Security notices

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.

Plug connectors with enclosure protection IP 67 and IP 68 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.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).