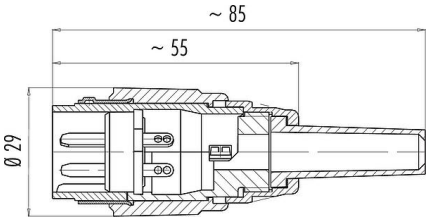
Product data sheet
Power connectors

Product description	**Bayonet Male cable connector, Contacts: 3, 5.0-8.0 mm, shieldable, solder, IP40**
Area	**Bayonet**
Series	**690**
Part no.	**09 0055 00 03**

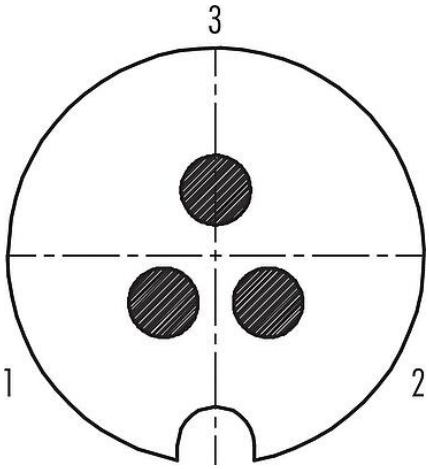
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 0055 00 03
Connector design	Male cable connector
Version	Connector pin straight
Connector locking system	Bayonet
Termination	solder
Degree of protection	IP40
Connection cross-section	2.50 mm² / AWG 14
Cable outlet	5.0-8.0 mm
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 50 Mating cycles
Weight (g)	38.01
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	10.0 A
Insulation resistance	≥ 10^{10} Ω
Pollution degree	1
Overvoltage category	II
Insulating material group	III

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EMC compliance	shieldable
Shield connection	Cable clamp and soldering lug

Material

Housing material	GD-AL eloxiert
Contact body material	PET (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Ag (silver)
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Classifications

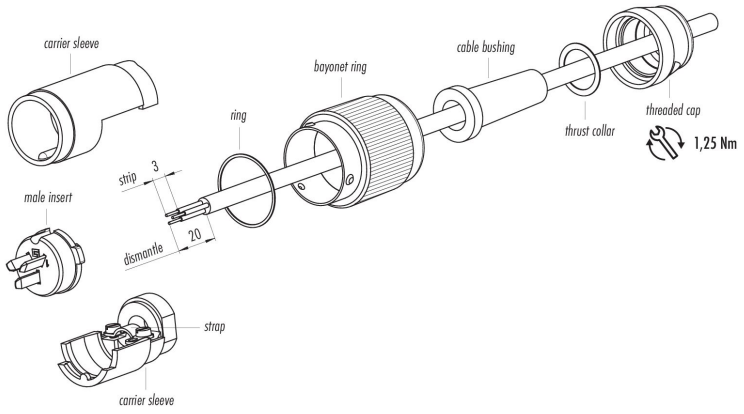
eCl@ss 11.1	27-44-01-09
ETIM 9.0	EC003569

Declarations of conformity

Low Voltage Directive	EN 60529:1991 | EN 60204-1:2018

Assembly instructions

1. Bead threaded cap, thrust collar, cable bushing and bayonet ring to cable.
2. Loosen strap on carrier sleeve.
3. Bead carrier sleeve.
4. Dismantle cable, strip and connect single wires.
5. Mount male insert on carrier sleeve and screw the cable to the strap.
6. Fit the upper carrier sleeve.
5. Bead ring and bayonet ring and screw on with threaded cap.



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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.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector to the device connector, we recommend tightening the threaded ring to 1.25 Nm. A suitable torque wrench is available as an accessory (order no. 07 0082 000).