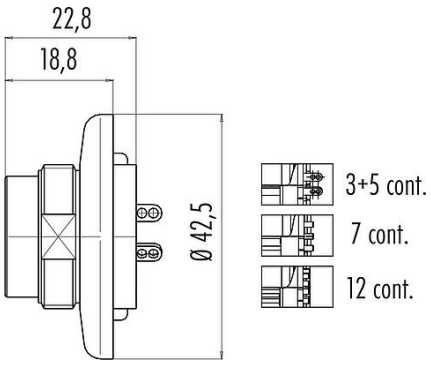
Product data sheet
Power connectors

Product description	**M25 Male panel mount connector, Contacts: 7, shieldable, solder, IP40, Front mounting**
Area	**M25**
Series	**691**
Part no.	**09 0043 00 07**

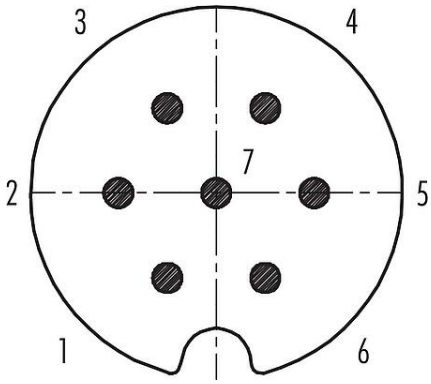
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 0043 00 07
Connector design	Male panel mount connector
Version	Connector pin straight
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Connection cross-section	0.75 mm² / AWG 18
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	46.05
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	5.0 A
Insulation resistance	≥ 10^{10} Ω
Pollution degree	1
Overvoltage category	II
Insulating material group	III
EMC compliance	shieldable
Shield connection	Shield on the housing

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Material

Housing material	GD-AL eloxiert
Contact body material	PET (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	CuSnZn (Optalloy)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	a18993fe-df4e-406a-b34f-14864be3d65a

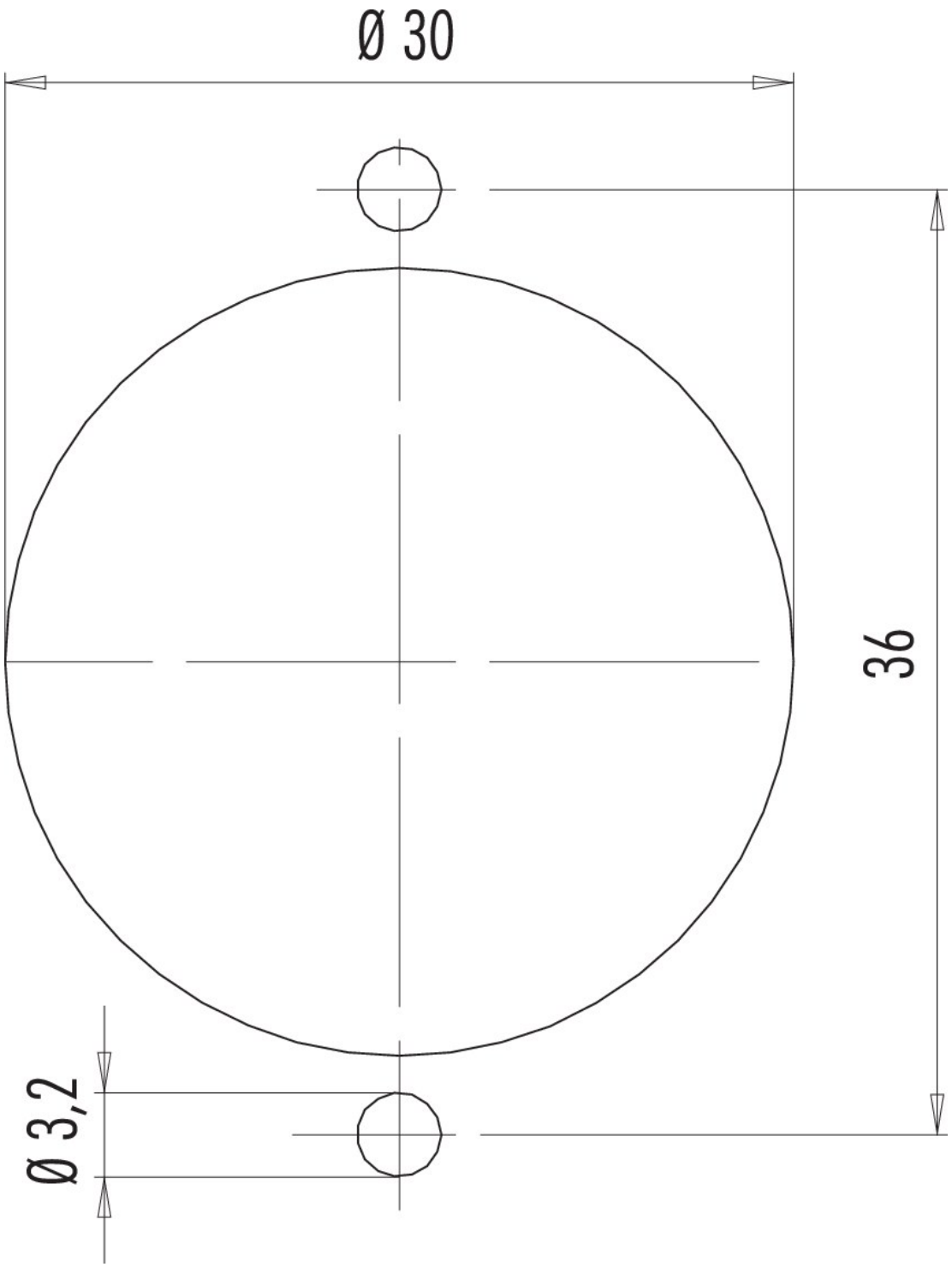
Classifications

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

Product data sheet
Power connectors

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Assembly instructions / Panel cut-out



Product data sheet

Power connectors

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Area	**M25**
Series	**691**
Part no.	**09 0043 00 07**

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.

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.

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).