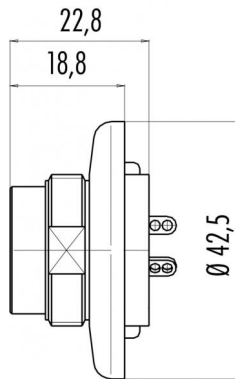


Product Area	Male socket M 25 connectors	serie 691	Pole Article number	12 09 0447 00 12
--------------	--------------------------------	-----------	---------------------	---------------------

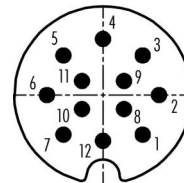
illustration



scale drawing



Contact Arrangement



	X	Y
1	4,24	-4,24
2	6,00	0,00
3	4,24	4,24
4	0,00	6,00
5	-4,24	4,24
6	-6,00	0,00
7	-4,24	-4,24
8	2,25	-1,50
9	2,25	1,50
10	-2,25	-1,50
11	-2,25	1,50
12	0,00	-4,90

You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Male socket
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	0,75 mm ²
Wire gauge (AWG)	20
Cable outlet	-
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuZn (brass)
Contact plating	CuZnSn
Material of contact body	PET (UL 94 V 0)
Material of housing	Gd-Al (eloxadized)

Cable data

Contacts 12, male socket

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	I
Overvoltage category	II
Material group	III
Rated current (40°C)	5 A
Volume resistivity	≤ 8 mΩ
EMV compliance	not shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



Product
Area

Male socket
M 25 connectors

serie 691

Pole
Article number

12
09 0447 00 12

Installation instructions / Mounting cutout

