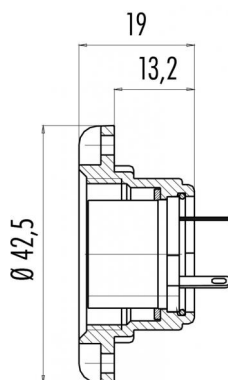


Product Area	Female socket M 25 connectors	serie 691	Pole Article number	12 09 0448 00 12
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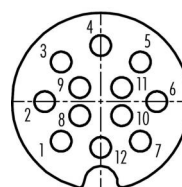
illustration



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

Material

Material of contact	CuSn (bronze)
Contact plating	Ag (silver)
Material of contact body	PET (UL 94 V 0)
Material of housing	Gd-Al (eloxadized)

Cable data

Contacts 12, female 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	≤ 5 mΩ
EMV compliance	not shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



Product  
Area

Female socket  
M 25 connectors

serie 691

Pole  
Article number

12  
09 0448 00 12

Installation instructions / Mounting cutout

