

Product Area Female socket, solder, front fastened
M9 connectors IP 67

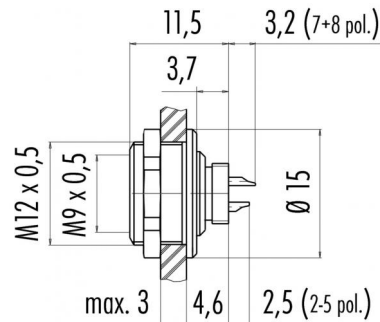
serie 712/702

Pole 4
Article number 09 0412 80 04

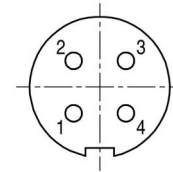
illustration



scale drawing



Contact Arrangement



	X	Y
1	-1,10	-1,10
2	-1,10	1,10
3	1,10	1,10
4	1,10	-1,10

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)	0,25 mm ²
Wire gauge (AWG)	24
Cable outlet	-
Upper temperature	+85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500
Pollution degree	I
Overvoltage category	II
Material group	III
Rated current (40 °C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shieldable
Degree of protection	IP 67
Mechanical operation	>500 mating cycles

Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PA (UL 94 V-0)
Material of housing	CUZn (brass nickel plated)

Cable data

material housing	-
insulation single lead	-
single lead structure	-
conductor resistance	-

Contacts 4, Female socket, solder, front fastened



Product
Area

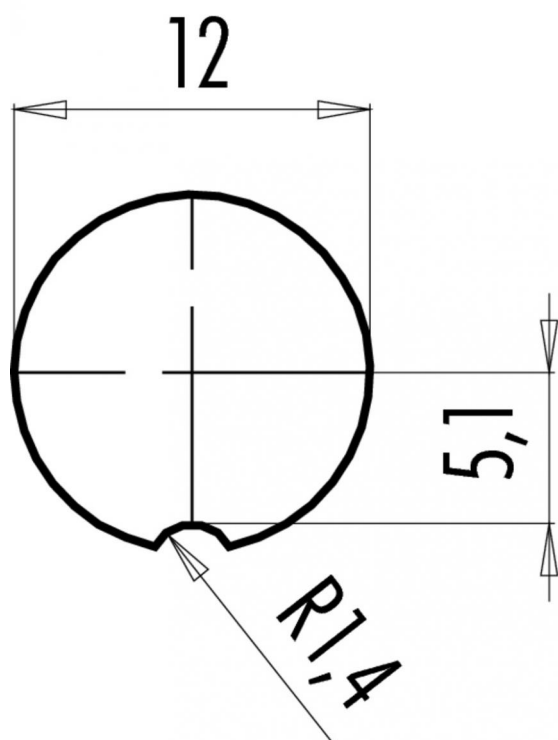
Female socket, solder, front fastened
M9 connectors IP 67

serie 712/702

Pole
Article number

4
09 0412 80 04

Installation instructions / Mounting cutout



Date: 2014-10-05 - Page 2 of 2