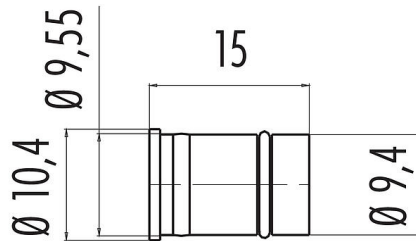


Product description	<b>M12-A Male receptacle, Contacts: 4, unshielded, solder, IP67</b>
Area	<b>M12-A series 713</b>
Part no.	<b>09 0431 74 04</b>

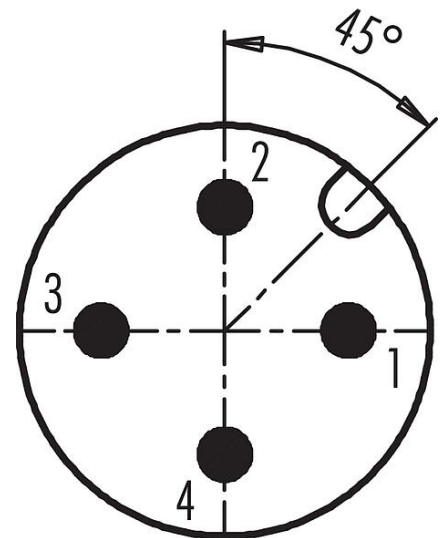
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

### Technical data

#### General features

Part no.	<b>09 0431 74 04</b>
Connector design	Male receptacle
Version	Connector pin straight
Connector locking system	screw
Termination	solder
Degree of protection	IP67
Cross-sectional area	0.25 mm <sup>2</sup> / AWG 24
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	0.82
Customs tariff number	85369010

#### Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current (40 °C)	4.0 A
Insulation resistance	> 10 <sup>8</sup> Ω
Pollution degree	3
Overvoltage category	II

Product description **M12-A Male receptacle, Contacts: 4, unshielded, solder, IP67**

Area **M12-A series 713**  
Part no. **09 0431 74 04**

Insulating material group III  
EMC compliance unshielded

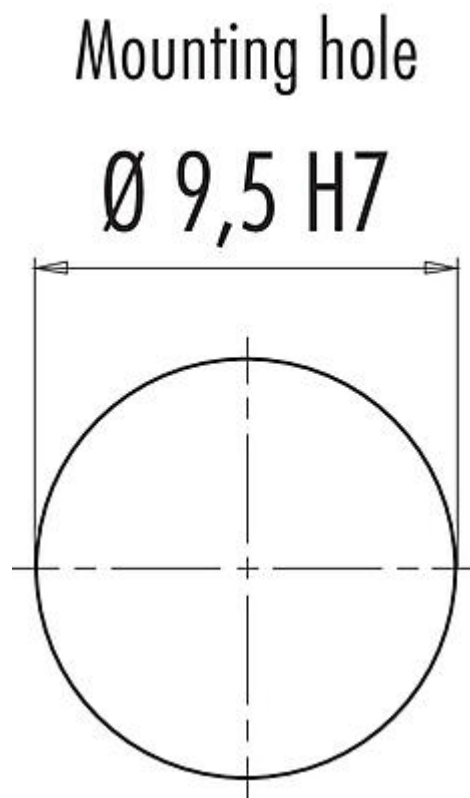
#### Material

Housing material	PA
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
Material seal	FPM
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	7d275afd-7a7a-4290-a175-b722d3917a18

#### Classifications

eCl@ss 11.1	27-44-01-09
ETIM 7.0	EC003569

#### Assembly instructions / Panel cut-out



Product description	<b>M12-A Male receptacle, Contacts: 4, unshielded, solder, IP67</b>
Area	<b>M12-A series 713</b>
Part no.	<b>09 0431 74 04</b>

### **General Disclaim Notice**

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.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.