

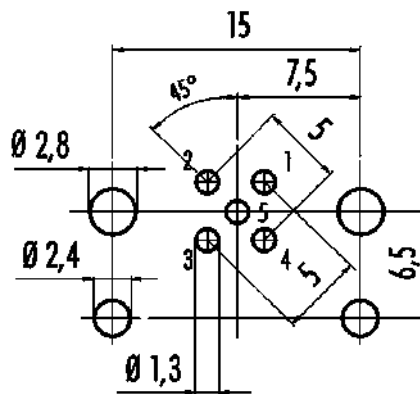
Product description M12-A Male receptacle, Contacts: 5, unshielded, THT, IP67

Area M12-A series 713
Part no. 09 0433 216 05

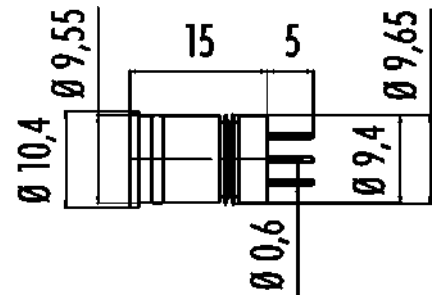
Illustration



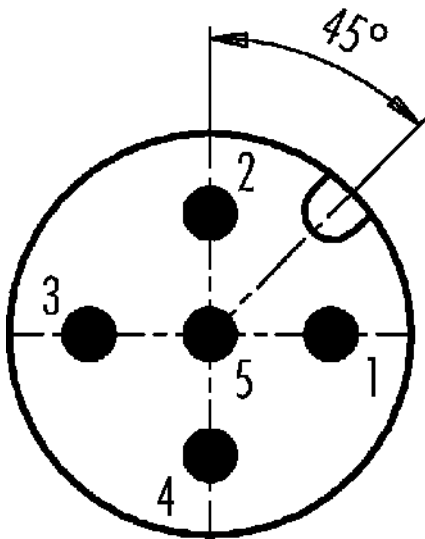
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.

09 0433 216 05

Product description	M12-A Male receptacle, Contacts: 5, unshielded, THT, IP67
Area	M12-A series 713
Part no.	09 0433 216 05

Connector design	Male receptacle
Version	Connector pin straight
Connector locking system	screw
Termination	THT
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	0.98
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	1500 V
Rated current (40 °C)	4.0 A
Insulation resistance	> 10 ⁸ Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	III
EMC compliance	unshielded

Material

Housing material	PA
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	40cf7959-3074-4393-a2c3-bdef2bbdc64c

Classifications

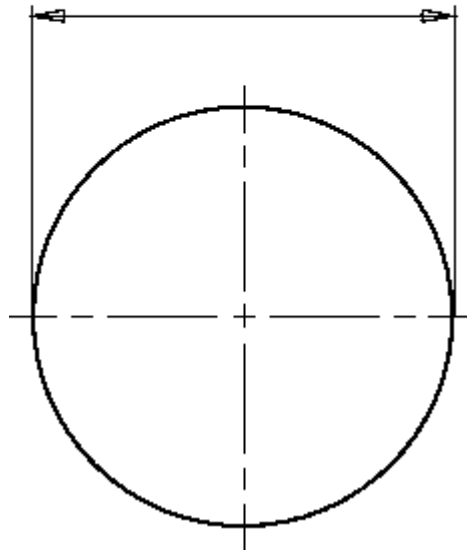
eCl@ss 11.1	27-44-01-09
ETIM 7.0	EC003569

Product description	M12-A Male receptacle, Contacts: 5, unshielded, THT, IP67
Area	M12-A series 713
Part no.	09 0433 216 05

Assembly instructions / Panel cut-out

Mounting hole

Ø 9,45



Product description	M12-A Male receptacle, Contacts: 5, unshielded, THT, IP67
Area	M12-A series 713
Part no.	09 0433 216 05

Security notices

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.