

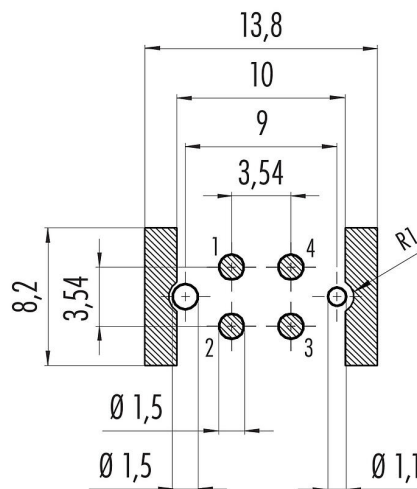
Product description M12-B integrated plug, recessed, Contacts: 4, shieldable, reflow soldering, IP67

Area M12-B series 715
Part no. 09 0443 601 04

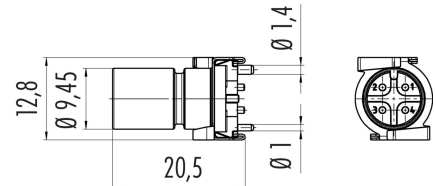
Illustration



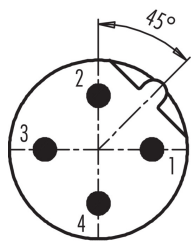
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black

Technical data

General features

Part no.	09 0443 601 04
Connector design	integrated plug, recessed
Version	connector male angled
Connector locking system	screw
Termination	reflow soldering
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	2.13

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Customs tariff number 85369010

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current (40 °C)	4 A
Insulation resistance	> 10 ⁸ Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	shieldable
Shield connection	Shielding plate

Material

Housing material	CuZn (Brass nickel plated)
Contact body material	LCP
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	SCIP-number not available

Classifications

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

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Security notices

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 IP 67 and IP 68 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.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).