

Product data sheet

Miniature connectors



Product description	Female cable connector, Contacts: 12 (12-a), 4.0-6.0 mm, shieldable, solder, IP40, Au2
-	-
Area	M16 IP40 series 581
Part no.	99 2030 09 12

Technical data

General features

Part no.	99 2030 09 12
Connector design	Female cable connector
Type standard	DIN EN 61076-2-106
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Cross-sectional area	max. 0.25 mm ² / AWG 24
Cable outlet	4.0-6.0 mm
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Additional information	Au2
Weight (g)	28.43
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current	3,0 A
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	shieldable

Material

Contact body material	PBT (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	8f85a1e9-f27f-4fe6-a012-f8a259145535

Classifications

eCl@ss 11.1	27-44-01-02
ETIM 9.0	EC002635

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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.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).