

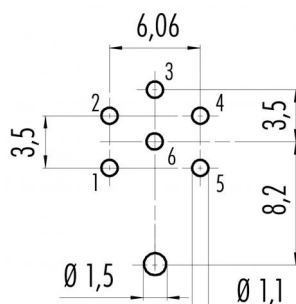
Product description M16 IP40 female panel mount connector, Contacts: 6 DIN, shieldable, dip-solder, IP40, front mounting

Area M16 IP40 series 680
Order number 09 0324 290 06

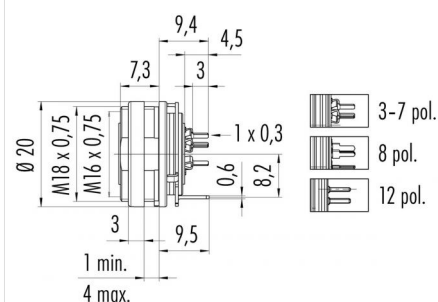
Illustration



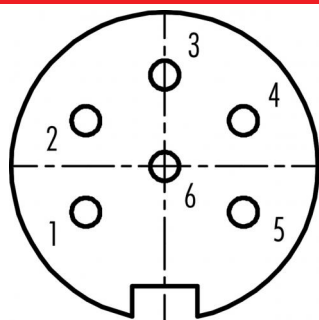
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General values

Connector design	female panel mount connector
Connector locking system	screw
Termination	dip-solder
Upper limit temperature	85 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	5 A
Rated voltage	250 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	I
Insulating material group	III
Insulation resistance	$\geq 10^{10} \Omega$
EMC compliance	shieldable
Degree of protection	IP40
Mechanical operation	> 1000 Mating cycles

Material

Contact material	CuSn (bronze)
Contact plating	Ag (silver)
Contact body material	PBT (UL94 V-0)
Housing material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)

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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.

The plug connector is not suitable for mains voltages Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".