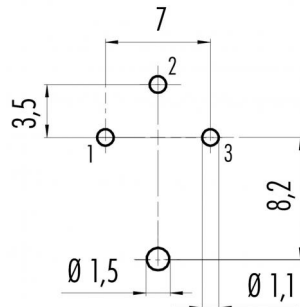


Product description	M16 IP40 female panel mount connector, Contacts: 3 DIN, shieldable, dip-solder, IP40, front mounting
Area	M16 IP40 series 680
Order number	09 0308 290 03

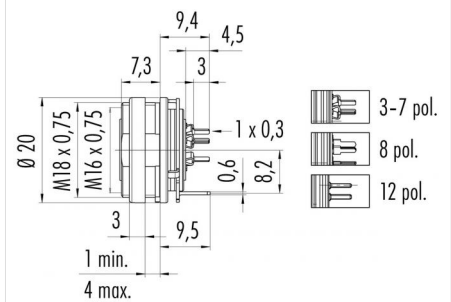
Illustration



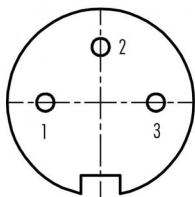
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00

Technical data

General values

Connector design	female panel mount connector
Connector locking system	screw
Termination	dip-solder
Upper limit temperature	85 °C
Customs tariff number	85369010
Packaging Unit	20

Electrical values

Rated current (40 °C)	7 A
Rated voltage	250 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	I
Insulating material group	III
Insulation resistance	≥ 10 ¹⁰ Ω
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 connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

The connector is not suitable for mains voltages. Please observe the pollution degrees and the overvoltage category. For further information refer to 'Technical support' in the Download Centre.