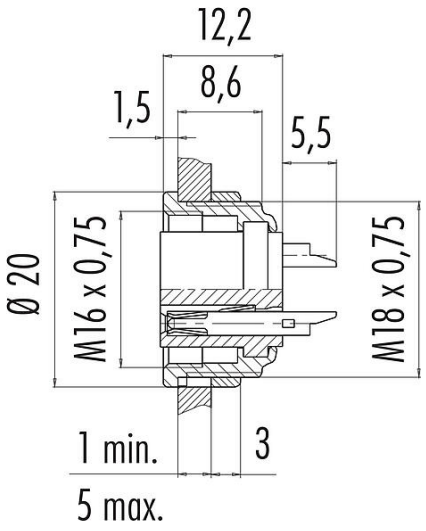
Product data sheet
Miniature connectors

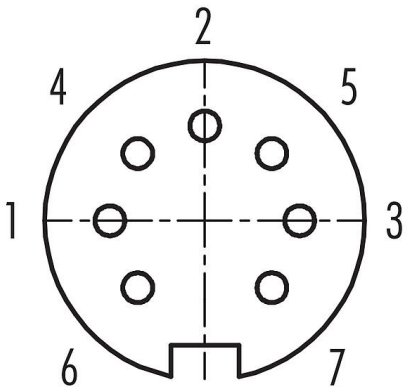
Product description	**M16 IP40 Female panel mount connector, Contacts: 7 (07-b), unshielded, solder, IP40**
-	-
Area	**M16 IP40 series 680**
Part no.	**09 1584 00 07**

Illustration

Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing and assembly instructions on the next page.

Technical data

General features

Part no.	09 1584 00 07
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Cross-sectional area	0.75 mm² / AWG 18
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	8.90
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current (40 °C)	5.0 A
Insulation resistance	≥ 10¹⁰ Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

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Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PBT (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Ag (silver)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	8568833f-9f74-43ea-a422-33790914feae

Classifications

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

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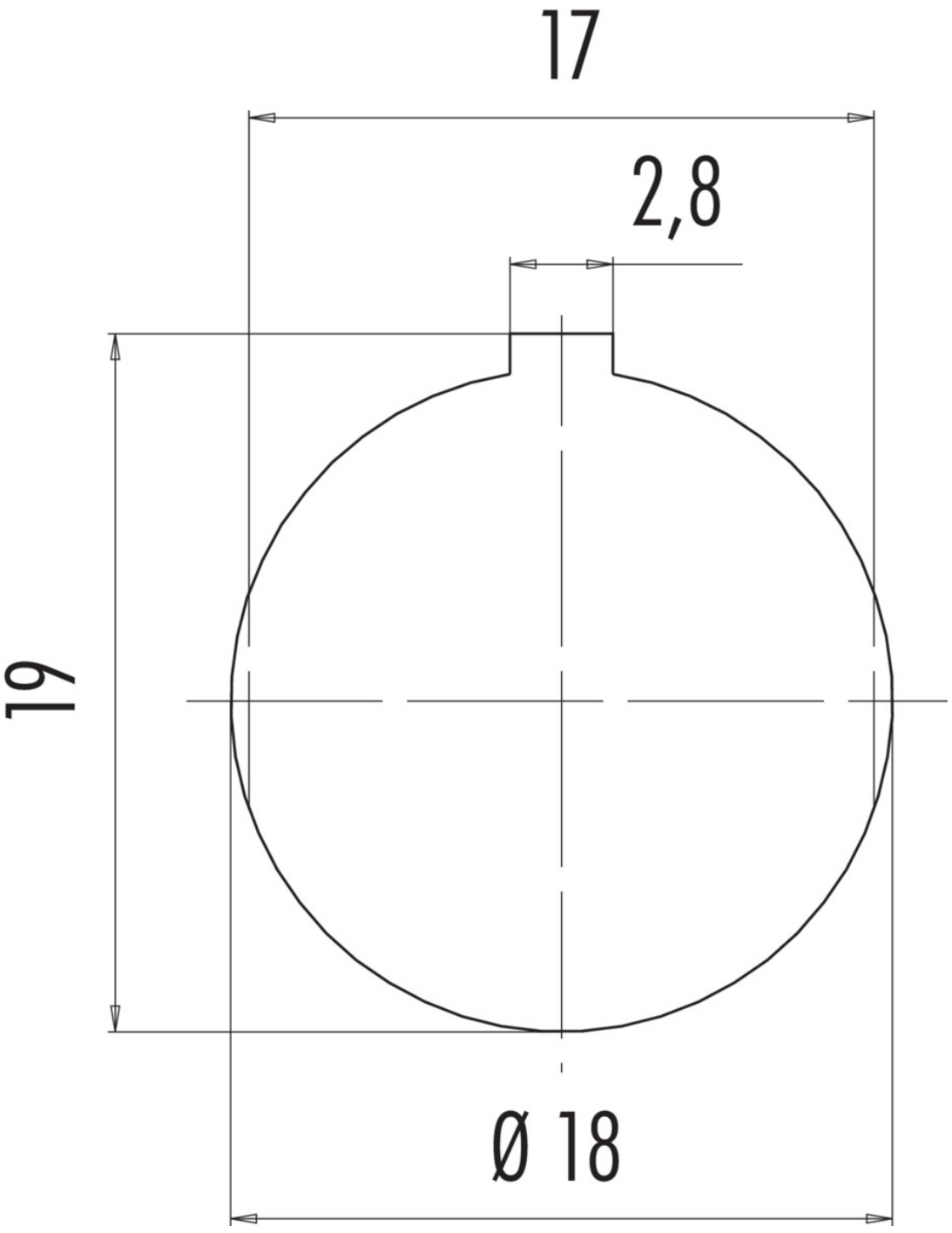
Assembly instructions / Panel cut-out



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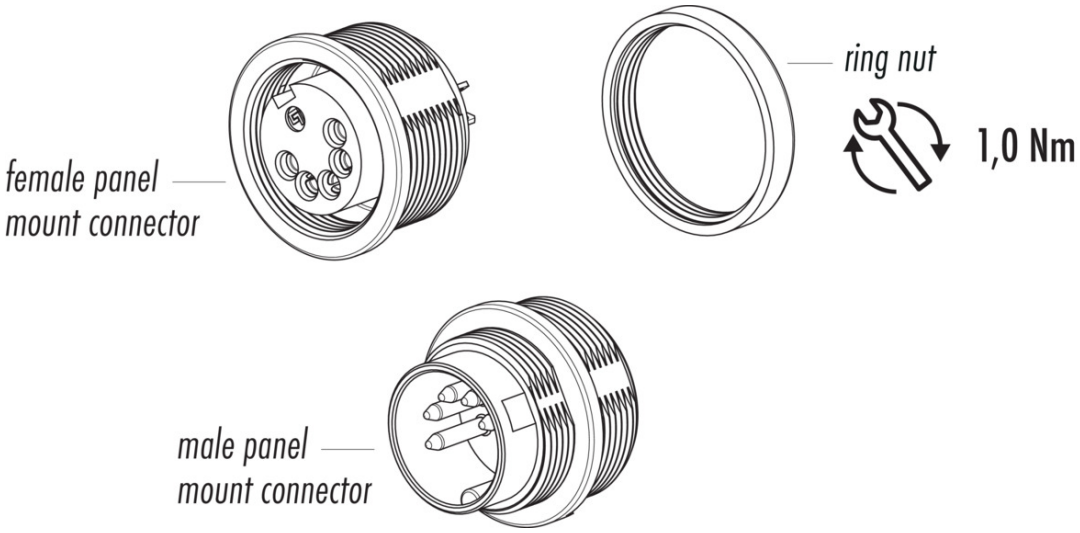
Component part drawing



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General Disclaim Notice

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.