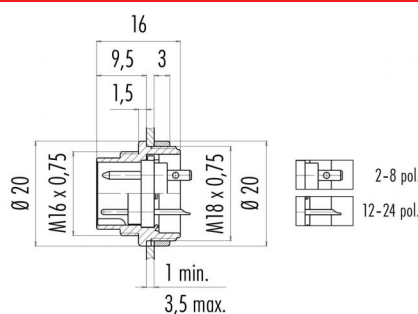


Product description	M16 IP40 male panel mount connector, Contacts: 12, unshielded, solder, IP40
Area	M16 IP40 series 680
Order number	09 0331 00 12

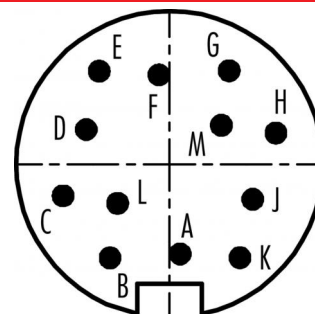
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

## Technical data

### General features

Order number	09 0331 00 12
Connector design	male panel mount connector
Version	connector male straight
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Cross-sectional area	0.25 mm <sup>2</sup> / AWG 24
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	11.144
Customs tariff number	85369010

### Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)

### Classifications

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

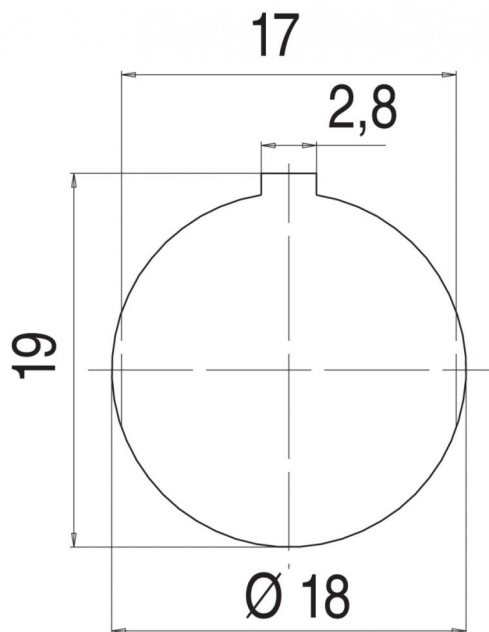
### Electrical parameters

Rated voltage	60 V
Rated impulse voltage	500 V
Rated current (40 °C)	3 A
Insulation resistance	≥ 10 <sup>10</sup> Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

Product description M16 IP40 male panel mount connector, Contacts: 12, unshielded, solder, IP40

Area M16 IP40 series 680  
Order number 09 0331 00 12

### Assembly instructions / Panel cut-out



Product description	M16 IP40 male panel mount connector, Contacts: 12, unshielded, solder, IP40
Area	M16 IP40 series 680
Order number	09 0331 00 12

## Security notices

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.