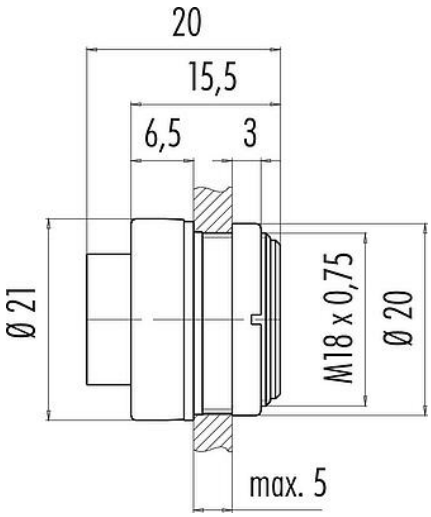
**Product data sheet**
# Miniature connectors

| | |
|---|---|
| Product description | **Bayonet Male panel mount connector, Contacts: 8, unshielded, solder, IP40, M18x0,75, Front mounting** |
| Area | **Bayonet** |
| Series | **678** |
| Part no. | **99 0647 00 08** |

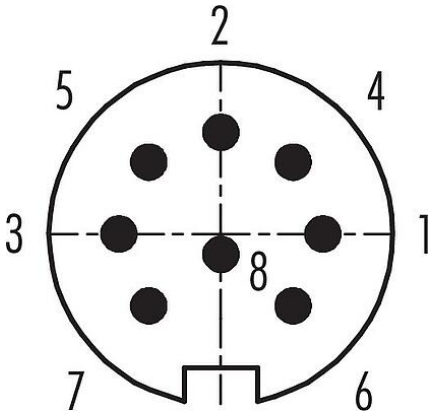
## Illustration (may vary)



## 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. | 99 0647 00 08 |
| Connector design | Male panel mount connector |
| Version | Connector pin straight |
| Connector locking system | Bayonet |
| Termination | solder |
| Degree of protection | IP40 |
| Connection cross-section | max. 0.75 mm² / AWG 18 |
| Temperature range from/to | -40 °C / 85 °C |
| Mechanical operation | > 500 Mating cycles |
| Weight (g) | 7.06 |
| Customs tariff number | 85369010 |
| Country of Origin | DE |

### Electrical parameters

| | |
|---|---|
| Rated voltage | 60 V |
| Rated impulse voltage | 500 V |
| Rated current | 5.0 A |
| Insulation resistance | ≥ $10^{10}$ Ω |
| Pollution degree | 1 |
| Overvoltage category | I |
| Insulating material group | III |

**Product data sheet**

# Miniature connectors

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| Part no. | **99 0647 00 08** |

| | |
|---|---|
| EMC compliance | unshielded |

## Material

| | |
|---|---|
| Housing material | PA |
| Contact body material | PBT (UL94 V-0) |
| Contact material | CuZn (brass) |
| Contact plating | Ag (silver) |
| REACH SVHC | CAS 7439-92-1 (Lead) |
| SCIP number | a6ac0747-413d-49fb-9d19-7eda4034d916 |

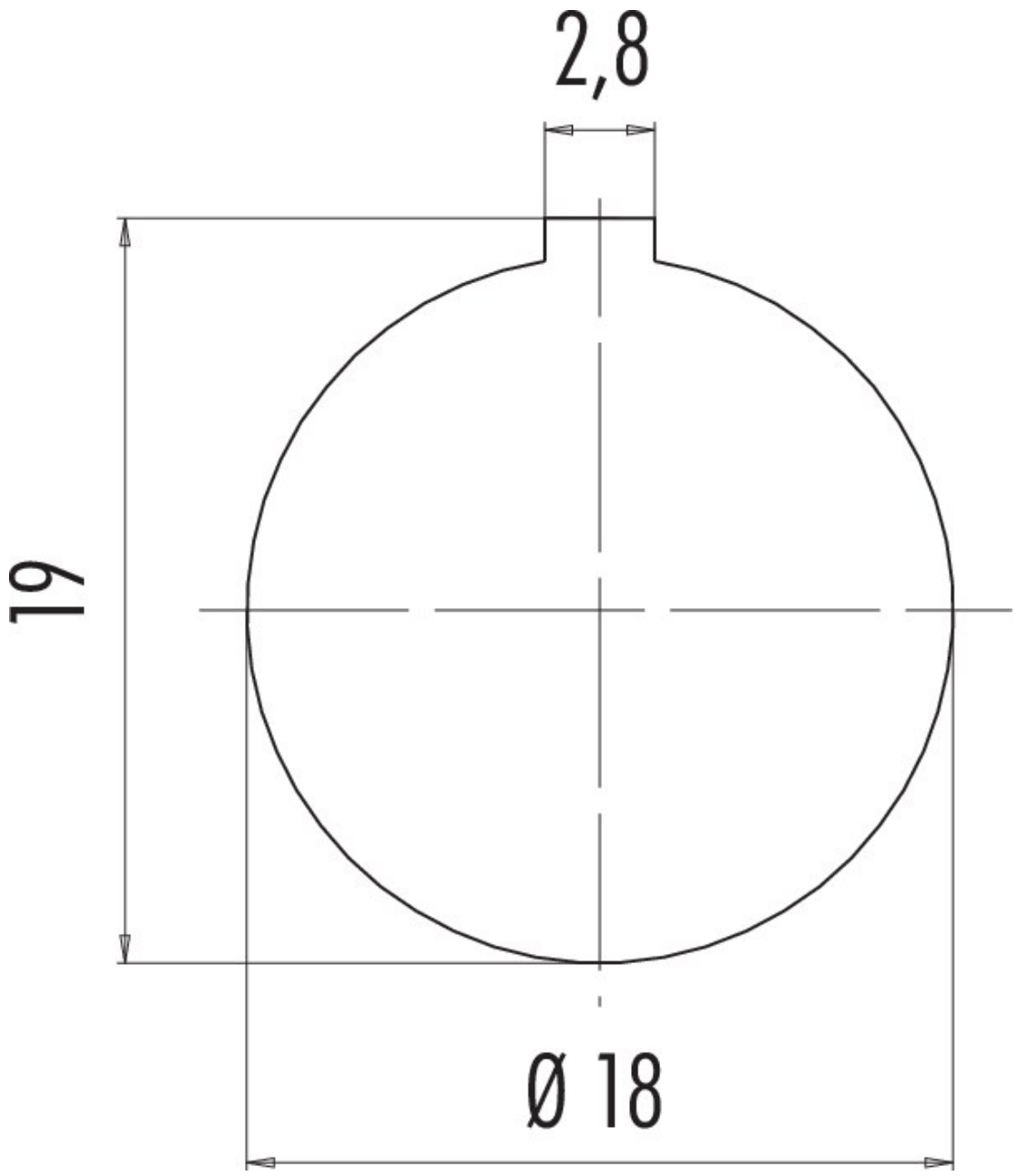
## Classifications

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

**Product data sheet**
# Miniature connectors

| | |
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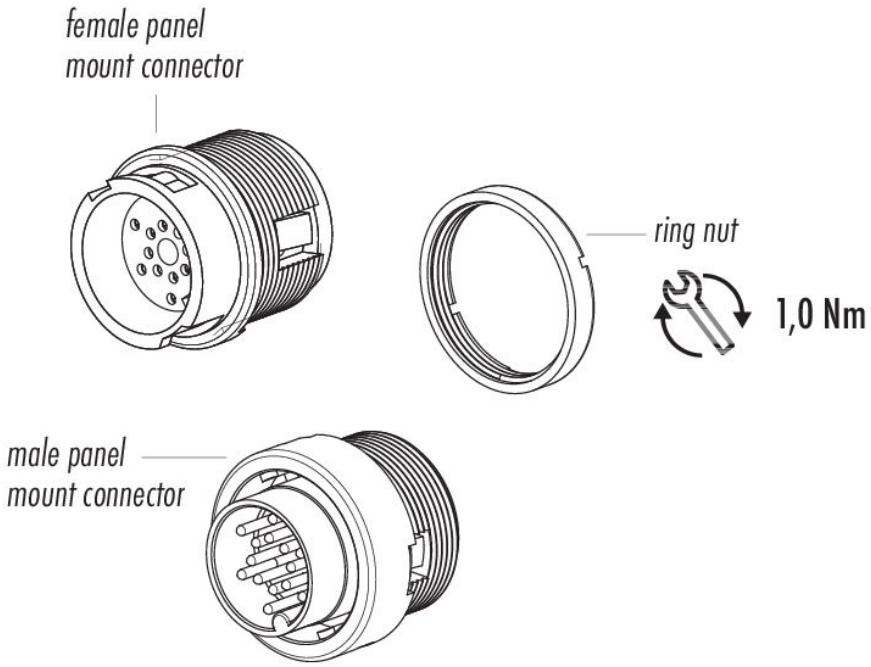
## Assembly instructions / Panel cut-out



**Product data sheet**
# Miniature connectors

| | |
|---|---|
| Product description | **Bayonet Male panel mount connector, Contacts: 8, unshielded, solder, IP40, M18x0,75, Front mounting** |
| Area | **Bayonet** |
| Series | **678** |
| Part no. | **99 0647 00 08** |

## Component part drawing



**Product data sheet**
# Miniature connectors

| | |
|---|---|
| Product description | **Bayonet Male panel mount connector, Contacts: 8, unshielded, solder, IP40, M18x0,75, Front mounting** |
| Area | **Bayonet** |
| Series | **678** |
| Part no. | **99 0647 00 08** |

## 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.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".