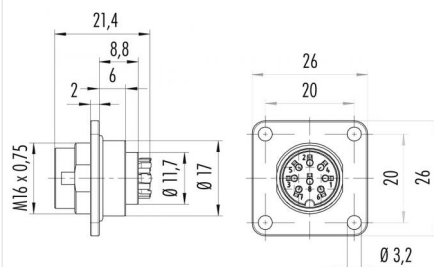


|                     |  |
|---------------------|--|
| Product description | M16 IP67 square male panel mount connector, Contacts: 8 DIN, unshielded, crimp (Crimp contacts must be ordered separately), IP68, UL, AISG compliant |
| Area                | M16 IP67 series 723  |
| Order number        | 09 0173 370 08   |

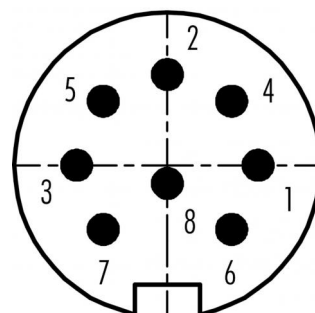
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

## Technical data

### General values

|                          |   |
|--------------------------|---|
| Connector design         | square male panel mount connector                 |
| Connector locking system | screw   |
| Termination              | crimp (Crimp contacts must be ordered separately) |
| Wire gauge (mm)          | see crimp contacts under accessories              |
| Upper limit temperature  | 100 °C  |
| Lower limit temperature  | -40 °C  |
| Customs tariff number    | 85369010  |

### Electrical values

|                           |                       |
|---------------------------|-----------------------|
| Rated current (40 °C)     | 5 A                   |
| Rated voltage             | 60 V                  |
| Rated impulse voltage     | 500 V                 |
| Pollution degree          | 1                     |
| Overvoltage category      | I                     |
| Insulating material group | III                   |
| Insulation resistance     | $\geq 10^{10} \Omega$ |
| EMC compliance            | unshielded            |
| Degree of protection      | IP68                  |
|                           | IP67                  |
| Mechanical operation      | > 500 Mating cycles   |

### Material

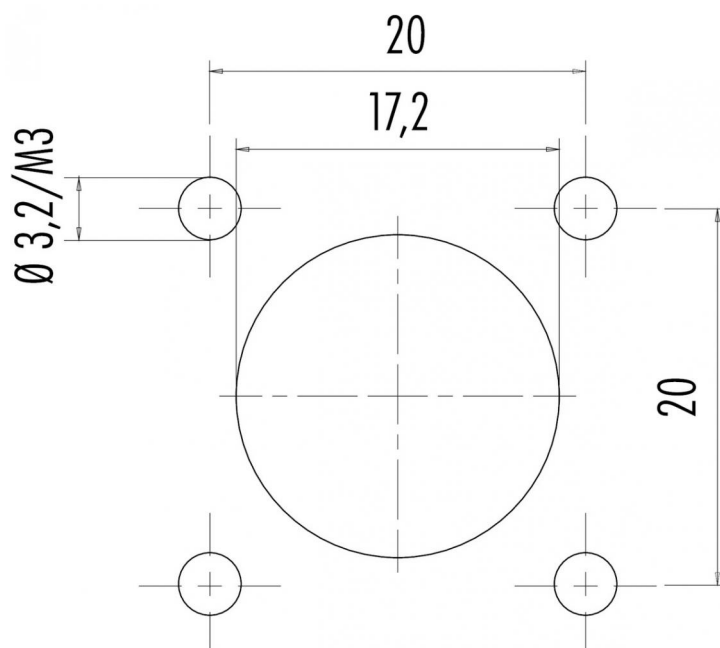
|                       |  |
|-----------------------|--|
| Contact material      | depending on crimp contact (accessory) |
| Contact body material | PBT (UL94 V-0)                         |
| Housing material      | Zinc die-cast nickel-plated            |
| Locking material      | Zinc die-cast nickel-plated            |

### authorization/approvals

|            |                |
|------------|----------------|
| Approval 1 | UL             |
| Approval 2 | AISG compliant |

|                     |  |
|---------------------|--|
| Product description | M16 IP67 square male panel mount connector, Contacts: 8 DIN, unshielded, crimp (Crimp contacts must be ordered separately), IP68, UL, AISG compliant |
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| Order number        | 09 0173 370 08   |

### Assembly instructions / Panel cut-out



|                     |  |
|---------------------|--|
| Product description | M16 IP67 square male panel mount connector, Contacts: 8 DIN, unshielded, crimp (Crimp contacts must be ordered separately), IP68, UL, AISG compliant |
| Area                | M16 IP67 series 723  |
| Order number        | 09 0173 370 08   |

## 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.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. The protection class specification applies on condition that the four mounting holes are made as blind holes.