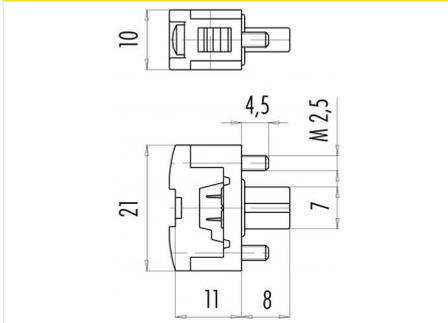


| | |
|---------------------|--|
| Product description | M12-A female cable connector, Contacts: 2, not shielded, solder, IP67 |
| Area | M12-A series 775 |
| Order number | 99 6442 00 02 |

Illustration



Scale drawing



Technical data

General values

| | |
|--------------------------|-----------------------------------|
| Connector design | female cable connector |
| Connector locking system | ribbon cable terminal |
| Termination | solder |
| Wire gauge (mm) | AS-Interface 1.50 mm ² |
| Wire gauge (AWG) | AS-Interface 16 |
| Upper limit temperature | 70 °C |
| Lower limit temperature | - 25 °C |
| Customs tariff number | 85369010 |
| Packaging Unit | 100 |

Electrical values

| | |
|-----------------------|----------------------|
| Rated current (40 °C) | 2 A (per contact) |
| Rated voltage | 30 V |
| Rated impulse voltage | 500 V |
| Pollution degree | 3 |
| Insulation resistance | ≥ 10 ¹⁰ Ω |
| EMC compliance | not shielded |
| Degree of protection | IP67 |

Material

| | |
|-----------------------|---------------|
| Contact material | CuSn (bronze) |
| Contact plating | Au (gold) |
| Contact body material | PA |
| Housing material | PA |

| | |
|---------------------|--|
| Product description | M12-A female cable connector, Contacts: 2, not shielded, solder, IP67 |
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| Order number | 99 6442 00 02 |

Security notices

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. Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.