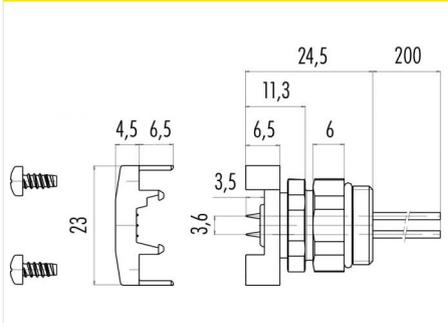


Product description	<b>M12-A flange clamp, Contacts: 2, not shielded, single wires, IP67, M16x1.5</b>
Area	<b>M12-A series 775</b>
Order number	<b>99 6441 100 02</b>

**Illustration**



**Scale drawing**



**Technical data**

**General values**

Connector design	flange clamp
Connector locking system	ribbon cable terminal
Termination	single wires
Wire gauge (mm)	AS-Interface 1.50 mm <sup>2</sup> / 0.25 mm <sup>2</sup>
Wire gauge (AWG)	AS-Interface 16 / 24
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 <sup>10</sup> Ω
EMC compliance	not shielded
Degree of protection	IP67

**Material**

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (brass)
REACH SVHC	CAS 7439-92-1 (Lead)

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## Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

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.