

Product description	M8 male angled connector, Contacts: 3, moulded on cable, IP67, UL listed, PVC grey, 3 x 0.34 mm ²
Area	M8 series 718
Order number	77 3403 0000 20003-0200

Illustration	Scale drawing	Contact arrangement (Plug-in side)

Technical data

General values

<p>Notice</p> <p>Connector design</p> <p>Connector locking system</p> <p>Termination</p> <p>Wire gauge (mm)</p> <p>Wire gauge (AWG)</p> <p>Upper limit temperature</p> <p>Lower limit temperature</p> <p>Customs tariff number</p>	<p>Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.</p> <p>male angled connector</p> <p>screw</p> <p>moulded on cable</p> <p>0.34 mm²</p> <p>AWG 22</p> <p>85 °C</p> <p>-25 °C</p> <p>85444290</p>
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Electrical values

<p>Rated current (40 °C)</p> <p>Rated voltage</p> <p>Rated impulse voltage</p> <p>Pollution degree</p> <p>Overvoltage category</p> <p>Insulating material group</p> <p>Degree of protection</p> <p>Mechanical operation</p>	<p>4 A</p> <p>60 V</p> <p>1500 V</p> <p>3</p> <p>II</p> <p>II</p> <p>IP67</p> <p>> 100 Mating cycles</p>
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Material

<p>Contact material</p> <p>Contact plating</p> <p>Contact body material</p> <p>Housing material</p> <p>Locking material</p> <p>REACH SVHC</p>	<p>CuZn (brass)</p> <p>Au (gold)</p> <p>PUR</p> <p>PUR</p> <p>Zinc die-cast nickel-plated</p> <p>CAS 7439-92-1 (Lead)</p>
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Cable data

<p>Cable length</p> <p>Sheath material</p> <p>Single-lead insulation</p> <p>Halogen free</p> <p>Single-lead structure</p> <p>Cable diameter</p> <p>Cable color</p> <p>Conductor resistance</p> <p>Temperature range, moving cable, °C from -5°C</p> <p>Temperature range, moving cable, °C to +105°C</p> <p>Temperature range, fixed cable, °C from -40°C</p> <p>Temperature range, fixed cable, °C to +105°C</p> <p>Bending radius, fixed cable</p> <p>Bending radius, moving cable</p> <p>UL style 1</p>	<p>2 m</p> <p>PVC</p> <p>PVC</p> <p>No</p> <p>42x0.1 mm</p> <p>4.5 mm</p> <p>grey</p> <p>57 Ω/Km</p> <p>5°C</p> <p>+105°C</p> <p>-40°C</p> <p>+105°C</p> <p>≥ 5 x Ø</p> <p>≥ 10 x Ø</p> <p>AWM2517</p>
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authorization/approvals

<p>Approval 1</p>	<p>UL listed</p>
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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. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).