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| Product description | <b>Contacts: 4, M12 cordset, D-coded male 10m shielded Ethernet, TPE</b> |
| Area                | <b>M12-D</b>   |
| Order number        | <b>77 4529 0000 34704-1000</b>   |

| Illustration | Scale drawing | Contact arrangement   |
|--------------|---------------|---|
|              |               | <p>Male cable connector</p> <ul style="list-style-type: none"> <li>1 white/orange</li> <li>2 white/green</li> <li>3 orange</li> <li>4 green</li> <li>shield shielding sleeve</li> </ul> |

## Technical data

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| <h3 style="color: #e91e63;">General values</h3> <p>Connector design connecting cord<br/>                 Connector locking system bolted<br/>                 Termination crimp, moulded on cable<br/>                 Wire gauge (AWG) 2x2xAWG24<br/>                 Upper limit temperature 85 °C<br/>                 Lower limit temperature -40 °C</p>   | <h3 style="color: #e91e63;">Electrical values</h3> <p>Rated current (40 °C) 4A<br/>                 Rated voltage 250V<br/>                 Pollution degree 3<br/>                 Overvoltage category II<br/>                 Insulating material group I<br/>                 Volume resistivity ≤ 3 mΩ<br/>                 Insulation resistance &gt;10<sup>10</sup>Ω<br/>                 EMC compliance shielded<br/>                 Degree of protection IP67<br/>                 Mechanical operation &gt; 100 Mating cycles</p> |  |
| <h3 style="color: #e91e63;">Cable data</h3> <p>Sheath material TPE teal<br/>                 Single-lead insulation PE<br/>                 Single-lead structure AWG24<br/>                 Cable diameter 6.6<br/>                 Conductor resistance 55Ω/Km<br/>                 Temperature range, moving cable, °C from -20<br/>                 Temperature range, moving cable, °C to 60<br/>                 Temperature range, fixed cable, °C from -40<br/>                 Temperature range, fixed cable, °C to 80<br/>                 Bending radius, fixed cable min. 5xd</p> | <h3 style="color: #e91e63;">Material</h3> <p>Contact material CuZn (brass)<br/>                 Contact plating Au (gold)<br/>                 Contact body material PA<br/>                 Housing material PUR</p>  |  |

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## 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.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).