Product data sheet
Automation technology - sensors and actuators

Product description
Contacts: 4, male cable connector, IDT connection, wire gauge 0.25 - 0.5 mm²
Area
M8 Series 768
Order number
99 3383 550 04

Illustration

Scale drawing

Contact arrangement

Technical data

General values
- Connector design: cable connector
- Connector locking system: bolted
- Termination: cutting clamp
- Wire gauge (mm²): 0.25 - 0.50 mm²
- Wire gauge (AWG): 24 - 20
- Cable outlet: 2.5 - 5.0 mm
- Upper limit temperature: 85 °C
- Lower limit temperature: -25 °C
- Customs tariff number: 85366990

Electrical values
- Rated current (40 °C): 4 A
- Rated voltage: 60 V
- Rated impulse voltage: 1500 V
- Pollution degree: 3
- Overvoltage category: III
- Insulating material group: III
- Volume resistivity: ≤ 3 mΩ
- EMC compliance: not shielded
- Degree of protection: IP67
- Mechanical operation: > 100 Mating cycles

Material
- Contact material: CuZn (brass)
- Contact plating: Au (gold)
- Contact body material: TPU
- Housing material: PA

Cable data
- Approval 1: UL

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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).