

Product Male cable connector
Area M9 connectors IP 67

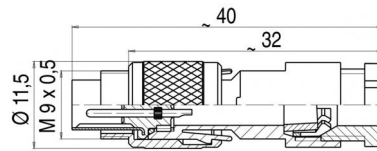
serie 712

Pole 5
Article number 99 0413 00 05

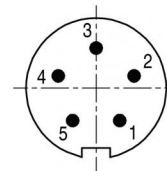
illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | 1,00 | -1,37 |
| 2 | 1,61 | 0,52 |
| 3 | 0,00 | 1,70 |
| 4 | -1,61 | 0,52 |
| 5 | -1,00 | -1,37 |

You can find the item description on the next page.

Technical data

Common values

| | |
|--------------------------|----------------------|
| Connector Design | Male cable connector |
| Connector locking system | Screw-locking |
| Termination | solder |
| Wire gauge (mm) | 0,25 mm ² |
| Wire gauge (AWG) | 24 |
| Max. Cable outlet | 3,5 - 5 mm |
| Upper temperature | +85 °C |
| Lower temperature | -40 °C |

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 125 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | I |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 3 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shieldable |
| Degree of protection | IP 67 |
| Mechanical operation | >500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuZn (brass) |
| Contact plating | Au (gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PA (UL 94 VH-B) |

Cable data

| | |
|------------------------|---|
| material housing | - |
| insulation single lead | - |
| single lead structure | - |
| conductor resistance | - |

Contacts 5, Male cable connector



Product
Area

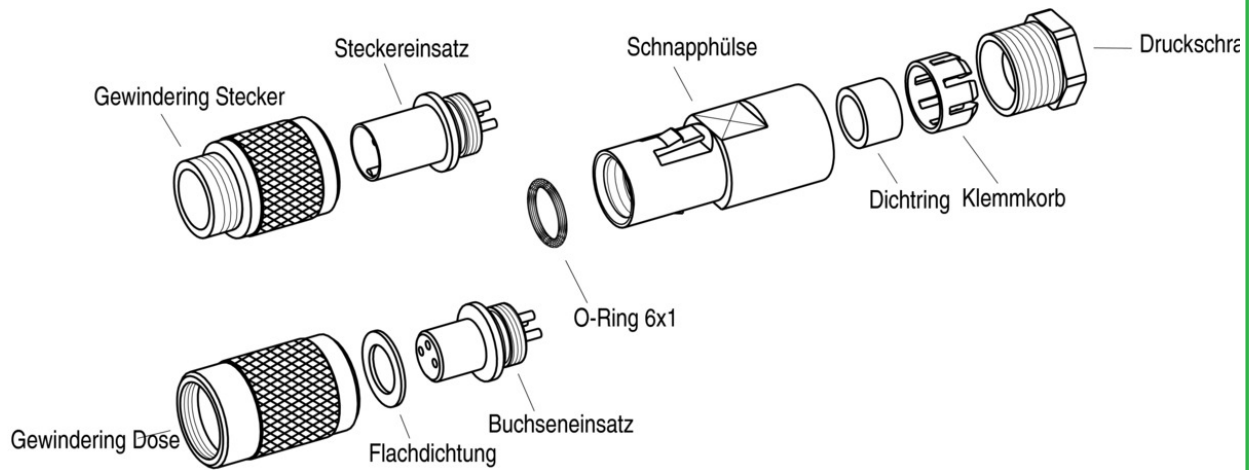
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Item description



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