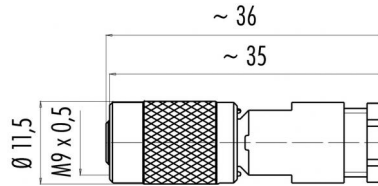


| | | | | |
|--------------|---|-----------|----------------|---------------|
| Product Area | Female cable connector M9 connectors IP 67 | serie 712 | Pole | 5 |
| | | | Article number | 99 0414 00 05 |

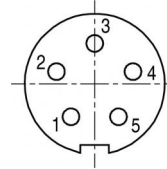
illustration



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

Material

| | |
|--------------------------|----------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Au (gold) |
| Material of contact body | PA (UL 94 V-0) |
| Material of housing | PA (UL 94 V-0) |

Cable data

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

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 |

Contacts 5, Female cable connector



| | | | | |
|--------------|---|-----------|---------------------|--------------------|
| Product Area | Female cable connector M9 connectors IP 67 | serie 712 | Pole Article number | 5 99 0414 00 05 |
|--------------|---|-----------|---------------------|--------------------|

Date: 2013-12-05 - Page 2 of 2

Item description

