# Product sheet
## Automation technology

**binder**

| | | | |
|---|---|---|---|
| Product | **Contacts: 5, Cable plug connector, stainless steel threaded lock, gold plated contacts, screw terminal connection, with UL approval** | Area | **M12-A Series 713** |
| | | Article number | **99 0437 82 05** |
| Pole | **5** | | |

### Illustration

### Scale drawing



### Contact Arrangement



| | X | Y |
|---|---|---|
| 1 | 2,50 | 0,00 |
| 2 | 0,00 | 2,50 |
| 3 | −2,50 | 0,00 |
| 4 | 0,00 | −2,50 |
| 5 | 0,00 | 0,00 |

**You can find the item description and assembly instruction on the next page.**

# Technical data

## Common values

| | |
|---|---|
| Connector Design | Cable plug connector |
| Connector locking system | screw |
| Termination | Screwing |
| Wire gauge (mm) | 0.75 mm² |
| Wire gauge (AWG) | 18 |
| Cable outlet | 4 - 6 mm |
| Upper temperature | 85 °C |
| Lower temperature | -40 °C |

## Electrical values

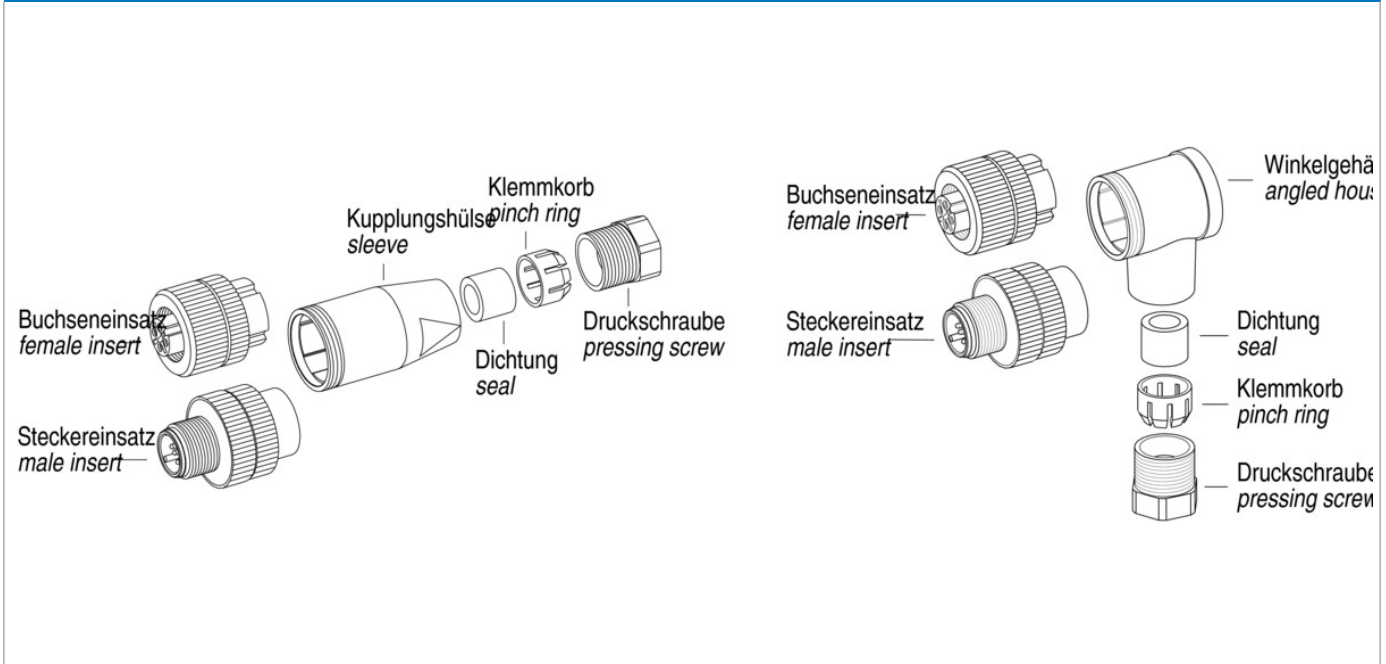| | |
|---|---|
| Rated voltage | 125 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 4 A |
| Volume resistivity | ≤ 3 mΩ (Gold) |
| EMV compliance | not shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 100 mating cycles |

## Material

| | |
|---|---|
| Material of contact | CuZn (Brass) |
| Contact plating | Au (Gold) |
| Material of contact body | PA |
| Material of housing | PA |

Contacts: 5, Cable outlet: 4-6 mm, cable plug connector, stainless steel threaded lock, gold plated contacts, screw terminal connection, with UL approval

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## Item description

## Installation instructions / Mounting cutout

Öffnungswerkzeug für Käfigzugfederversion
*opening tool for wire clamp connection*

| | Schraubklemmversion<br>*screw connection* | Lötversion<br>*solder version* | Käfigzugfederversion<br>*wire clamp connection* |
| --- | --- | --- | --- |
| Maß A/mm<br>*measure A/mm* | 5 | 3,5 | 7 |