

# Product data sheet

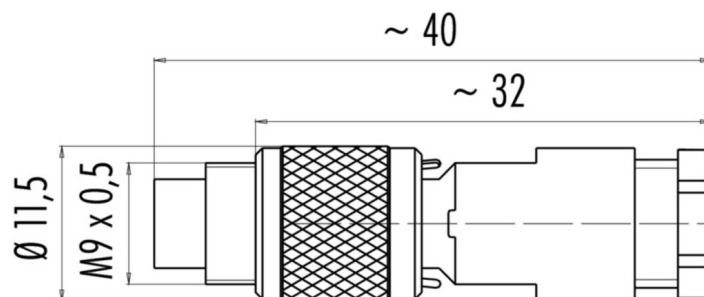
## Binder connectors

### Male cable connector



99 0413 00 05

<https://www.ac-solutions.be/en/product/9904130005>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M9                   |
| Series             | Subminiature         |
| Subseries          | 712                  |
| Gender             | Male                 |
| Number of contacts | 5                    |
| Contact terminal   | Solder               |
| Upper temperature  | +85 °C               |
| Lower temperature  | -40 °C               |
| Protection degree  | IP67                 |
| Locking system     | Screw (M9)           |
| Mating cycles      | >500                 |
| Connector Diameter | 11.5 mm              |
| Cable outlet       | 3,5-5 mm             |
| Wire-section       | 0.25 mm <sup>2</sup> |

### Electrical parameters

|                 |       |
|-----------------|-------|
| Nominal current | 3 A   |
| Nominal voltage | 125 V |

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|                         |        |
|-------------------------|--------|
| Impuls voltage          | 1500 V |
| Max. contact resistance | 3 m?   |
| Pollution degree        | 1      |
| Overvoltage categorie   | II     |

## Material

|                     |                                             |
|---------------------|---------------------------------------------|
| Material group      | III                                         |
| Material of insert  | PBT (UL 94 V-0)                             |
| Material of housing | PA (UL 94 VH-B), CuZn (Brass nickel plated) |
| Material of contact | CuZn (Brass)                                |
| Plating             | Au (Gold)                                   |