

# Product data sheet

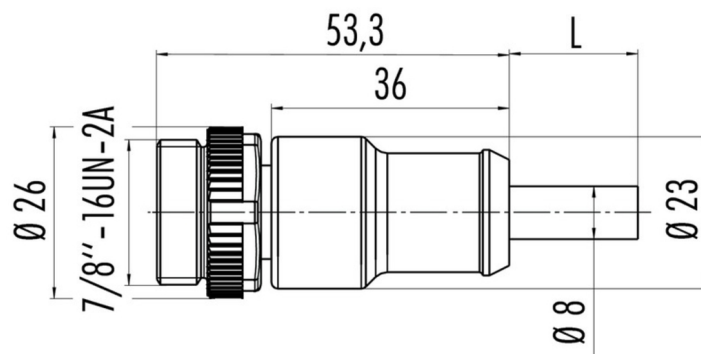
## Binder connectors

### Male cable connector



77 1429 0000 50005 0200

<https://www.ac-solutions.be/en/product/7714290000500050200>



## Specifications

### General Characteristics

|                    |                     |
|--------------------|---------------------|
| Screw size         | 7/8                 |
| Series             | Sensor              |
| Subseries          | 870                 |
| Gender             | Male                |
| Number of contacts | 6                   |
| Contact terminal   | Crimp               |
| Upper temperature  | +80 °C              |
| Lower temperature  | -25 °C              |
| Protection degree  | IP68                |
| Locking system     | Screw (7/8"-16 UN)  |
| Mating cycles      | >100                |
| Connector Diameter | 26 mm               |
| Cable Length       | 2 m                 |
| Cable diameter     | 8,7 mm              |
| Cable              | 5 x 1,5 PUR         |
| Wire-section       | 1.5 mm <sup>2</sup> |

### Electrical parameters

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|                         |        |
|-------------------------|--------|
| Nominal current         | 9 A    |
| Nominal voltage         | 300 V  |
| Impuls voltage          | 4000 V |
| Max. contact resistance | 3 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

## Material

|                     |              |
|---------------------|--------------|
| Jacket material     | PUR          |
| Material group      | II           |
| Material of insert  | PUR          |
| Material of housing | PUR          |
| Material of contact | CuZn (Brass) |
| Plating             | Au (Gold)    |
| Insulation wire     | TPM          |