

# Product data sheet

## Binder connectors

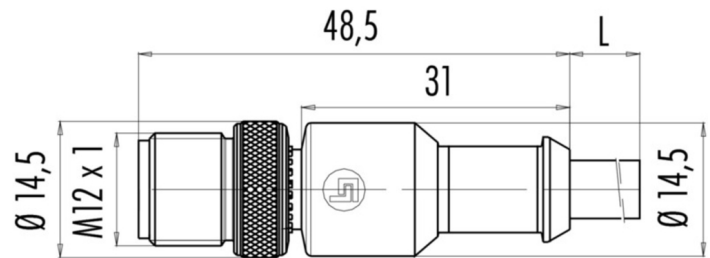
### Male cable connector



## Moulded

77 4429 0000 50005 0200

<https://www.ac-solutions.be/en/product/7744290000500050200>



## Specifications

### General Characteristics

|                    |                |
|--------------------|----------------|
| Screw size         | M12-B          |
| Series             | Sensor         |
| Subseries          | 766            |
| Gender             | Male           |
| Number of contacts | 5              |
| Contact terminal   | Crimp, moulded |
| Upper temperature  | +85 °C         |
| Lower temperature  | -25 °C         |
| Protection degree  | IP68           |
| Locking system     | Screw (M12-B)  |
| Mating cycles      | >100           |
| Connector Diameter | 14.5 mm        |
| Cable Length       | 2 m            |
| Cable diameter     | 5.7 mm         |
| Cable              | 5 x 0,5 PUR    |

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### Male cable connector



|              |                     |
|--------------|---------------------|
| Wire-section | 0.5 mm <sup>2</sup> |
|--------------|---------------------|

## Electrical parameters

|                         |        |
|-------------------------|--------|
| Nominal current         | 4 A    |
| Nominal voltage         | 125 V  |
| Impuls voltage          | 1500 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     | PVC          |