

# Product data sheet

## Binder connectors

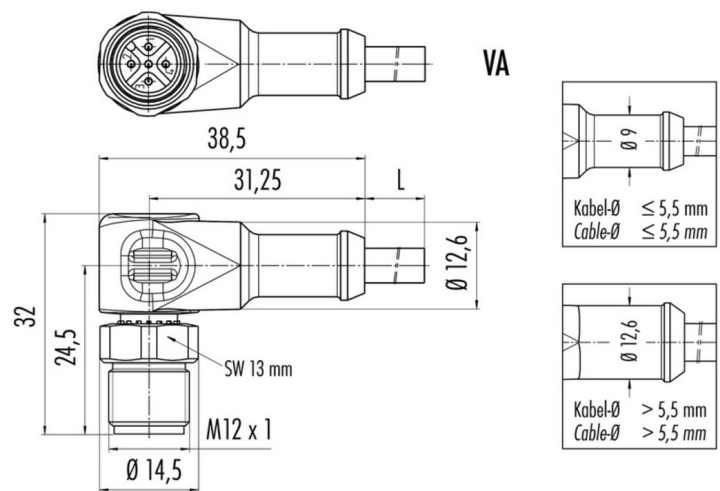
### Male angled connector



## Moulded, stainless steel ring nut

77 3727 0000 50005 0500

<https://www.ac-solutions.be/en/product/7737270000500050500>



## Specifications

### General Characteristics

|                    |                |
|--------------------|----------------|
| Screw size         | M12            |
| Series             | Sensor         |
| Subseries          | 763            |
| 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-A)  |
| Mating cycles      | >100           |
| Connector Diameter | 14.5 mm        |
| Cable Length       | 5 m            |
| Cable diameter     | 5 mm           |
| Cable              | 5 x 0,25 PUR   |

# Product data sheet

## Binder connectors

### Male angled connector



|              |                      |
|--------------|----------------------|
| Wire-section | 0.25 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          |