

# Product data sheet

## Binder connectors

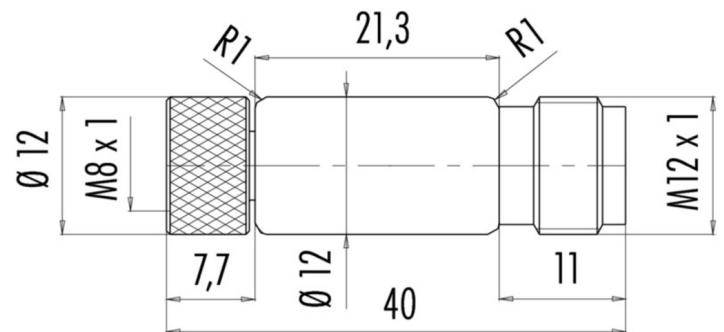
### Adapter



## Female connector M8 - male connector M12

09 5280 00 03

<https://www.ac-solutions.be/en/product/0952800003>



## Specifications

### General Characteristics

|                    |               |
|--------------------|---------------|
| Screw size         | M12/M8        |
| Series             | Sensor        |
| Subseries          | 765           |
| Gender             | Male & Female |
| Number of contacts | 3             |
| Upper temperature  | +85 °C        |
| Lower temperature  | -25 °C        |
| Protection degree  | IP67          |
| Locking system     | Screw         |
| Mating cycles      | >100          |
| Connector Diameter | 12 mm         |

### Electrical parameters

|                 |      |
|-----------------|------|
| Nominal current | 4 A  |
| Nominal voltage | 60 V |

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

## Material

|                     |                                   |
|---------------------|-----------------------------------|
| Material group      | II                                |
| Material of insert  | PUR                               |
| Material of housing | Hot melt                          |
| Material of contact | Pin CuZn (Brass), Socket (Bronze) |
| Plating             | Au (Gold)                         |