

# Product data sheet

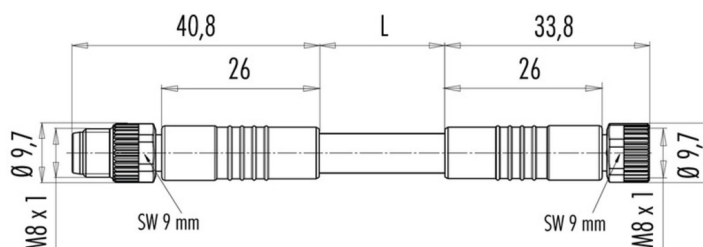
## Binder connectors

### Male cable connector M8x1 - Female cable connector M8x1



77 3406 3405 50004 0200

<https://www.ac-solutions.be/en/product/7734063405500040200>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M8                   |
| Series             | Sensor               |
| Subseries          | 765                  |
| Gender             | Male & Female        |
| Number of contacts | 4                    |
| Contact terminal   | Crimp, moulded       |
| Upper temperature  | +85 °C               |
| Lower temperature  | -25 °C               |
| Protection degree  | IP67                 |
| Locking system     | Screw                |
| Mating cycles      | >100                 |
| Connector Diameter | 9.7 mm               |
| Cable Length       | 2 m                  |
| Cable diameter     | 4,5 mm               |
| Cable              | 4x0,25 PUR           |
| Wire-section       | 0.25 mm <sup>2</sup> |

### Electrical parameters

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|                         |       |
|-------------------------|-------|
| Nominal current         | 4 A   |
| Nominal voltage         | 30 V  |
| Impuls voltage          | 800 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 | Pin CuZn (Brass), Socket (Bronze) |
| Plating             | Au (Gold)                         |
| Insulation wire     | PVC                               |