

# Product data sheet

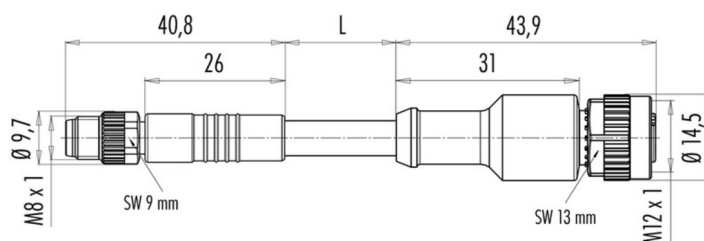
## Binder connectors

Male cable connector M8x1 - Female cable connector M12x1



77 3430 3405 50003 0100

<https://www.ac-solutions.be/en/product/7734303405500030100>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12/M8               |
| Series             | Sensor               |
| Subseries          | 765                  |
| Gender             | Male & Female        |
| Number of contacts | 3                    |
| 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 - 14,5 mm        |
| Cable Length       | 1 m                  |
| Cable diameter     | 4,5 mm               |
| Cable              | 3x0,25 PUR           |
| Wire-section       | 0.25 mm <sup>2</sup> |

### Electrical parameters

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|                         |        |
|-------------------------|--------|
| Nominal current         | 4 A    |
| Nominal voltage         | 60 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 | Pin CuZn (Brass), Socket (Bronze) |
| Plating             | Au (Gold)                         |
| Insulation wire     | PVC                               |