

# Product data sheet

## Binder connectors

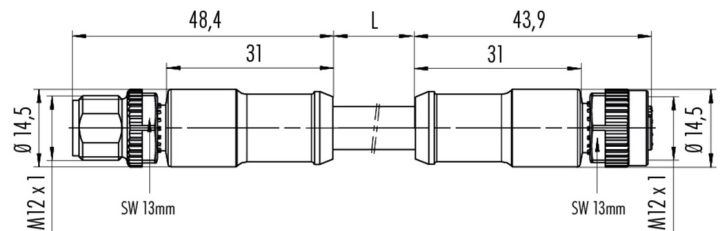
Connecting cable, male cable connector M12x1 & female connector M12x1



## PUR

77 0606 0605 50704 0200

<https://www.ac-solutions.be/en/product/7706060605507040200>



## Specifications

### General Characteristics

|                    |               |
|--------------------|---------------|
| Screw size         | M12-A         |
| Series             | Sensor        |
| Subseries          | 763           |
| Gender             | Male & Female |
| Number of contacts | 4             |
| Contact terminal   | Moulded       |
| Color              | Black         |
| Upper temperature  | +85 °C        |
| Lower temperature  | -25 °C        |
| Protection degree  | IP69K         |
| Locking system     | Screw (M12-A) |
| Mating cycles      | >50           |
| Connector Diameter | 14.5 mm       |
| Cable Length       | 2 m           |
| Wire gauge         | 16 AWG        |

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|               |                     |
|---------------|---------------------|
| Wire-section  | 1.5 mm <sup>2</sup> |
| Fixing thread | M12x1,5             |

## Electrical parameters

|                         |        |
|-------------------------|--------|
| Nominal current         | 8 A    |
| Nominal voltage         | 250 V  |
| Impuls voltage          | 2500 V |
| Max. contact resistance | 3 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

## Material

|                     |                             |
|---------------------|-----------------------------|
| Material group      | II                          |
| Material of insert  | PUR                         |
| Material of housing | PUR                         |
| Material of contact | Cuzn (Brass), Cusn (Bronze) |
| Plating             | Au (Gold)                   |