

# Product data sheet

## Binder connectors

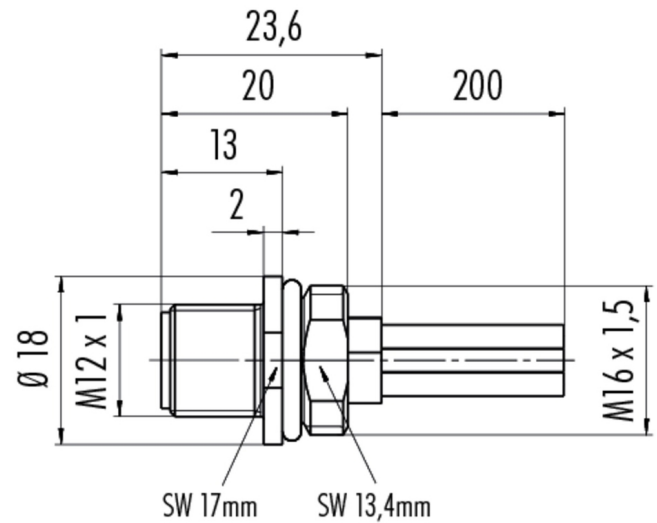
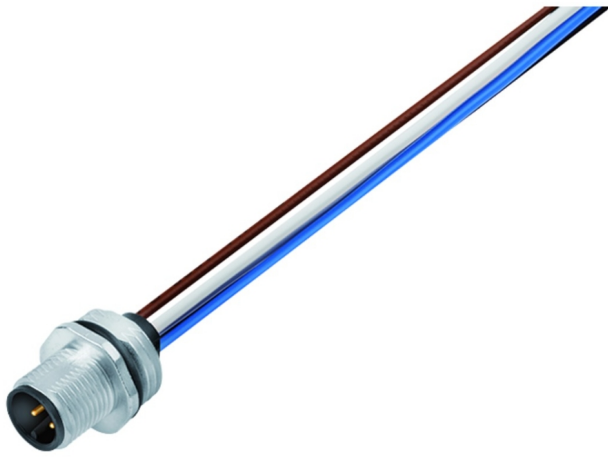
### Male panel mount connector



## With single wires, AWG 16

76 0231 0015 00004 0200

<https://www.ac-solutions.be/en/product/7602310015000040200>



## Specifications

### General Characteristics

|                    |                     |
|--------------------|---------------------|
| Screw size         | M12-A               |
| Series             | Sensor              |
| Subseries          | 713-763             |
| Gender             | Male                |
| Number of contacts | 4                   |
| Contact terminal   | Single wires        |
| Upper temperature  | +85 °C              |
| Lower temperature  | -40 °C              |
| Protection degree  | IP68                |
| Locking system     | Screw (M12-A)       |
| Mating cycles      | >100                |
| Connector Diameter | 18 mm               |
| Wire gauge         | 16 AWG              |
| Wire-section       | 1.5 mm <sup>2</sup> |

### Electrical parameters

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### Male panel mount connector



|                         |        |
|-------------------------|--------|
| 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  | PA           |
| Material of contact | CuZn (Brass) |
| Plating             | Au (Gold)    |