

# Product data sheet

## Binder connectors

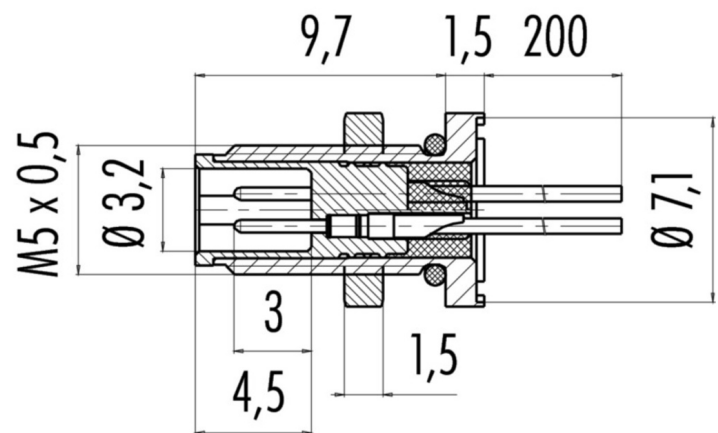
### Male panel mount connector



## With single wires 0,14 mm<sup>2</sup> front fastened

76 8105 1117 00003 0200

<https://www.ac-solutions.be/en/product/7681051117000030200>



## Specifications

### General Characteristics

|                    |                             |
|--------------------|-----------------------------|
| Screw size         | M5                          |
| Series             | Sensor                      |
| Subseries          | 707                         |
| Gender             | Male                        |
| Number of contacts | 3                           |
| Contact terminal   | Assembled with single wires |
| Upper temperature  | +80 °C                      |
| Lower temperature  | -25 °C                      |
| Protection degree  | IP67                        |
| Locking system     | Screw (M5)                  |
| Mating cycles      | >100                        |
| Cable diameter     | 3,1 mm                      |
| Wire-section       | 0.14 mm <sup>2</sup>        |

### Electrical parameters

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### Male panel mount connector



|                         |       |
|-------------------------|-------|
| Nominal current         | 1 A   |
| Nominal voltage         | 60 V  |
| Impuls voltage          | 800 V |
| Max. contact resistance | 3 m?  |
| Pollution degree        | 3     |
| Overvoltage categorie   | II    |

## Material

|                     |                            |
|---------------------|----------------------------|
| Jacket material     | PUR                        |
| Material group      | I                          |
| Material of insert  | PA                         |
| Material of housing | CuZn (Brass nickel plated) |
| Material of contact | CuZn (Brass)               |
| Plating             | Au (Gold)                  |
| Insulation wire     | PVC                        |