

# Product data sheet

## Binder connectors

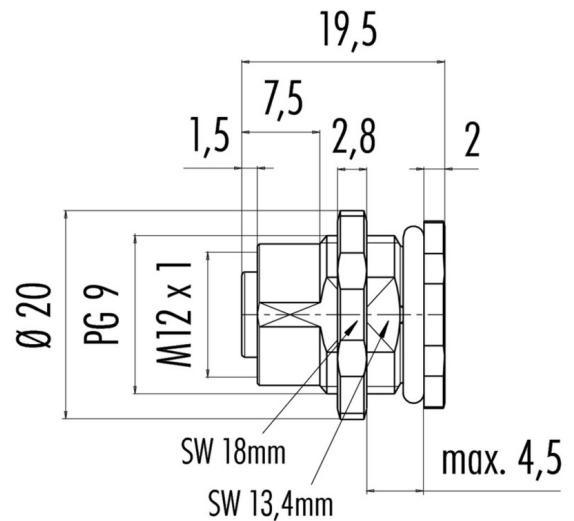
### Female panel mount connector



## Solder, front fastened

86 0532 1002 00005

<https://www.ac-solutions.be/en/product/860532100200005>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12-A                |
| Series             | Sensor               |
| Subseries          | 713-763              |
| Gender             | Female               |
| Number of contacts | 5                    |
| Contact terminal   | Solder               |
| Upper temperature  | +85 °C               |
| Lower temperature  | -40 °C               |
| Protection degree  | IP68                 |
| Locking system     | Screw (M12-A)        |
| Mating cycles      | >100                 |
| Connector Diameter | 20 mm                |
| Wire-section       | 0.25 mm <sup>2</sup> |
| Fixing thread      | PG9                  |

## Electrical parameters

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### Female panel mount connector



|                         |        |
|-------------------------|--------|
| Nominal current         | 4 A    |
| Nominal voltage         | 125 V  |
| Impuls voltage          | 1500 V |
| Max. contact resistance | 3 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

## Material

|                     |                               |
|---------------------|-------------------------------|
| Material group      | III                           |
| Material of insert  | PA                            |
| Material of housing | Zinc diecasting nickel plated |
| Material of contact | CuSn (Bronze)                 |
| Plating             | Au (Gold)                     |