

# Product data sheet

## Binder connectors

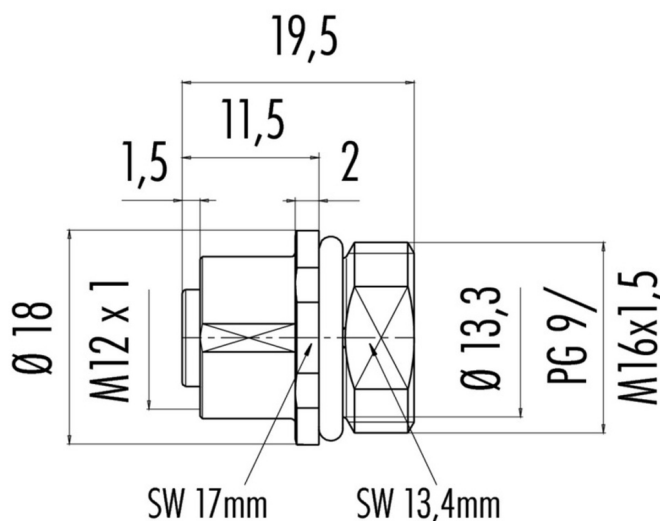
### Female panel mount connector



## Solder, PG9/M16 x 1,5

86 0232 0002 00008

<https://www.ac-solutions.be/en/product/860232000200008>



## Specifications

### General Characteristics

|                    |               |
|--------------------|---------------|
| Screw size         | M12-A         |
| Series             | Sensor        |
| Subseries          | 713-763       |
| Gender             | Female        |
| Number of contacts | 8             |
| Contact terminal   | Solder        |
| Upper temperature  | +85 °C        |
| Lower temperature  | -40 °C        |
| Protection degree  | IP68          |
| Locking system     | Screw (M12-A) |
| Mating cycles      | >100          |
| Connector Diameter | 13.3 mm       |
| Wire-section       | 0.25 mm²      |
| Fixing thread      | M16 x 1,5     |

### Electrical parameters

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### Female panel mount connector



|                         |       |
|-------------------------|-------|
| Nominal current         | 2 A   |
| Nominal voltage         | 60 V  |
| Impuls voltage          | 800 V |
| Max. contact resistance | 3 m?  |
| Pollution degree        | 3     |
| Overvoltage categorie   | II    |

## Material

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