

# Product data sheet

## Binder connectors

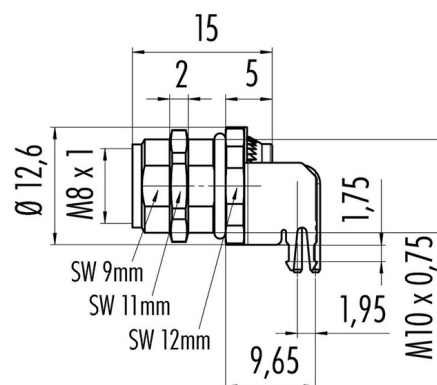
### Female angled panel mount connector



## Front fastened, dip solder, with shielding sheet

86 6618 1121 00004

<https://www.ac-solutions.be/en/product/866618112100004>



Leiterplattendicke: 1,6 mm  
Thickness of PCB: 1,6 mm

## Specifications

### General Characteristics

|                    |            |
|--------------------|------------|
| Screw size         | M8         |
| Series             | Sensor     |
| Subseries          | 768-718    |
| Gender             | Female     |
| Number of contacts | 4          |
| Contact terminal   | Dip solder |
| Upper temperature  | +85 °C     |
| Lower temperature  | -40 °C     |
| Protection degree  | IP67       |
| Locking system     | Screw (M8) |
| Mating cycles      | >100       |
| Connector Diameter | 12.6 mm    |

### Electrical parameters

|                 |     |
|-----------------|-----|
| Nominal current | 4 A |
|-----------------|-----|

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### Female angled panel mount connector



|                         |       |
|-------------------------|-------|
| Nominal voltage         | 30 V  |
| Impuls voltage          | 800 V |
| Max. contact resistance | 3 m?  |
| Pollution degree        | 3     |
| Overvoltage categorie   | II    |

## Material

|                     |                               |
|---------------------|-------------------------------|
| Material group      | II                            |
| Material of insert  | PA (UL 94 HB)                 |
| Material of housing | Zinc diecasting nickel plated |
| Material of contact | CuSn (Bronze)                 |
| Plating             | Au (Gold)                     |