

# Product data sheet

## Binder connectors

### Male panel mount connector

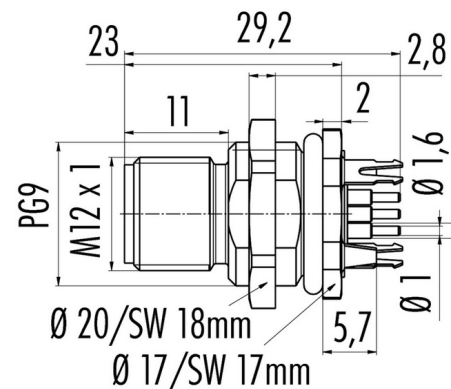


## Front fastened, with shielding sheet, dip solder

UL-approval

86 0531 1120 00008

<https://www.ac-solutions.be/en/product/860531112000008>



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

## Specifications

### General Characteristics

|                    |               |
|--------------------|---------------|
| Screw size         | M12-A         |
| Series             | Sensor        |
| Subseries          | 713-763       |
| Gender             | Male          |
| Number of contacts | 8             |
| Contact terminal   | Dip solder    |
| Upper temperature  | +85 °C        |
| Lower temperature  | -40 °C        |
| Protection degree  | IP68          |
| Locking system     | Screw (M12-A) |
| Mating cycles      | >100          |
| Connector Diameter | 12 mm         |
| Fixing thread      | PG 9          |

## Electrical parameters

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|                         |       |
|-------------------------|-------|
| Nominal current         | 2 A   |
| 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                  |
| Material of housing | Brass nickel plated |
| Material of contact | CuZn (Brass)        |
| Plating             | Au (Gold)           |