

# Product data sheet

## Binder connectors

### Male receptacle

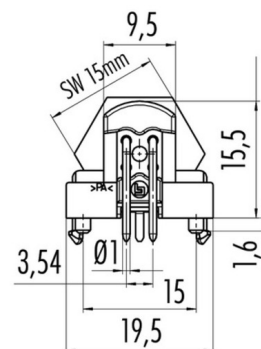
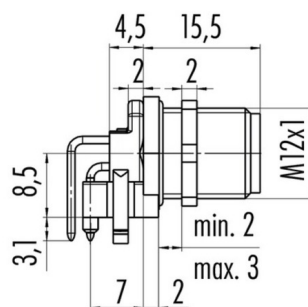
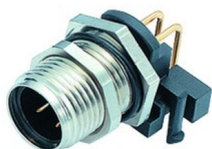


## for PCB assembly, angled

UL-approval

99 4445 202 05

<https://www.ac-solutions.be/en/product/99444520205>



Ansicht Bestückungsseite  
View of mating side

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

## Specifications

### General Characteristics

|                    |               |
|--------------------|---------------|
| Screw size         | M12-B         |
| Series             | Sensor        |
| Subseries          | 715-766       |
| Gender             | Male          |
| Number of contacts | 5             |
| Contact terminal   | Dip solder    |
| Upper temperature  | +85 °C        |
| Lower temperature  | -40 °C        |
| Protection degree  | IP67          |
| Locking system     | Screw (M12-B) |
| Mating cycles      | >100          |
| Connector Diameter | 19.5 mm       |

### Electrical parameters

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|                         |        |
|-------------------------|--------|
| 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      | II                         |
| Material of insert  | PA                         |
| Material of housing | CuZn (Brass nickel plated) |
| Material of contact | CuZn (Brass)               |
| Plating             | Au (Gold)                  |