

# Product data sheet

## Binder connectors Female cable connector

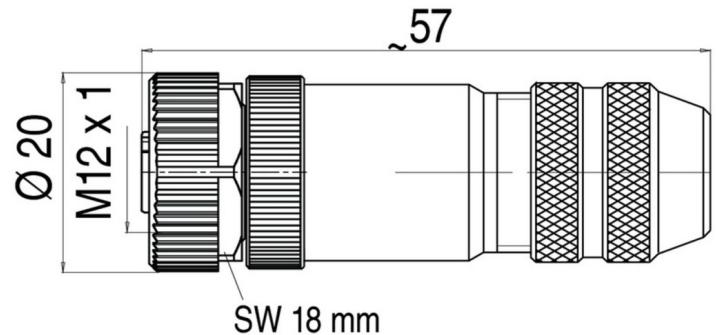


### Shieldable, screw clamp connection, version with shielding ring, solder termination on 12 pol

UL-approval

99 1430 812 04

<https://www.ac-solutions.be/en/product/99143081204>



## Specifications

### General Characteristics

|                    |               |
|--------------------|---------------|
| Screw size         | M12-A         |
| Series             | Sensor        |
| Subseries          | 713           |
| Gender             | Female        |
| Number of contacts | 4             |
| Contact terminal   | Screw         |
| Upper temperature  | +85 °C        |
| Lower temperature  | -40 °C        |
| Protection degree  | IP67          |
| Locking system     | Screw (M12-A) |
| Mating cycles      | >100          |
| Connector Diameter | 20 mm         |
| Cable outlet       | 6-8 mm        |

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## Binder connectors

### Female cable connector



|              |                      |
|--------------|----------------------|
| Wire-section | 0.75 mm <sup>2</sup> |
|--------------|----------------------|

## Electrical parameters

|                         |        |
|-------------------------|--------|
| Nominal current         | 4 A    |
| Nominal voltage         | 250 V  |
| Impuls voltage          | 2500 V |
| Max. contact resistance | 3 mΩ   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

## Material

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Material group      | II                                                 |
| Material of insert  | PA                                                 |
| Material of housing | Zinc diecasting nickel plated, brass nickel plated |
| Material of contact | CuZn (Brass)                                       |
| Plating             | Au (Gold)                                          |