

# Product data sheet

## Binder connectors

### Male cable connector

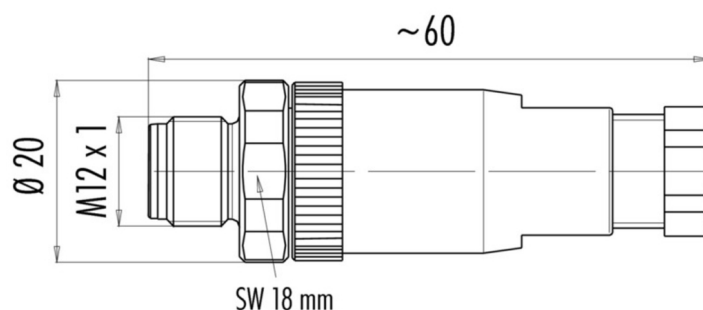


## Stainless steel locking system, contact surface gold, screw clamp connection

UL-approval

99 0437 82 05

<https://www.ac-solutions.be/en/product/9904378205>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12-A                |
| Series             | Sensor               |
| Subseries          | 713                  |
| Gender             | Male                 |
| Number of contacts | 5                    |
| 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       | 4-6 mm               |
| Wire-section       | 0.75 mm <sup>2</sup> |

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## Electrical parameters

|                         |        |
|-------------------------|--------|
| 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      | III          |
| Material of insert  | PA           |
| Material of housing | PA           |
| Material of contact | CuZn (Brass) |
| Plating             | Au (Gold)    |