

# Product data sheet

## Binder connectors

### Male angled connector

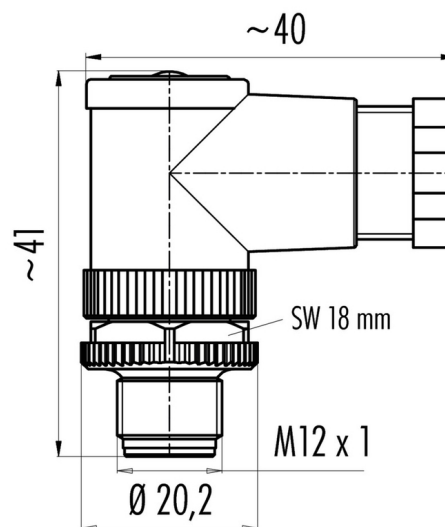


## Metal locking system, screw clamp connection, solder termination on 12 pol

UL-approval

99 0429 27 04

<https://www.ac-solutions.be/en/product/9904292704>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12-A                |
| Series             | Sensor               |
| Subseries          | 713                  |
| Gender             | Male                 |
| Number of contacts | 3                    |
| Contact terminal   | Screw                |
| Upper temperature  | +85 °C               |
| Lower temperature  | -40 °C               |
| Protection degree  | IP67                 |
| Locking system     | Screw (M12-A)        |
| Mating cycles      | >50                  |
| Connector Diameter | 20.2 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         | 250 V  |
| Impuls voltage          | 2500 V |
| Max. contact resistance | 8 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

## Material

|                     |                                |
|---------------------|--------------------------------|
| Material group      | II                             |
| Material of insert  | PA                             |
| Material of housing | PBT                            |
| Material of contact | CuZn (Brass)                   |
| Plating             | CuSnZn (Optalloy not shielded) |