

# Product data sheet

## Binder connectors

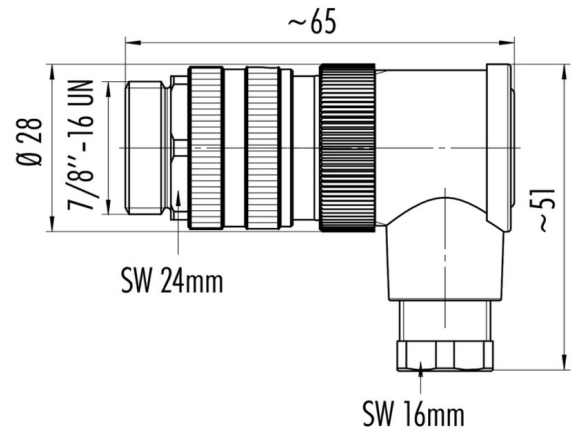
### Male angled connector



UL-approval

99 2441 52 03

<https://www.ac-solutions.be/en/product/9924415203>



## Specifications

### General Characteristics

|                    |                     |
|--------------------|---------------------|
| Screw size         | 7/8                 |
| Series             | Sensor              |
| Subseries          | 820                 |
| Gender             | Male                |
| Number of contacts | 3                   |
| Contact terminal   | Screw               |
| Upper temperature  | +85 °C              |
| Lower temperature  | -25 °C              |
| Protection degree  | IP67                |
| Locking system     | Screw (7/8"-16 UN)  |
| Mating cycles      | >50                 |
| Connector Diameter | 28 mm               |
| Cable outlet       | 6-8 mm              |
| Wire-section       | 1.5 mm <sup>2</sup> |

### Electrical parameters

# Product data sheet

## Binder connectors

### Male angled connector



|                         |                |
|-------------------------|----------------|
| Nominal current         | 12 A           |
| Nominal voltage         | 300 (UL 600) V |
| Impuls voltage          | 4000 V         |
| Max. contact resistance | 3 m?           |
| Pollution degree        | 3              |
| Overvoltage categorie   | III            |

## Material

|                     |                   |
|---------------------|-------------------|
| Material group      | III               |
| Material of insert  | PUR/PA (UL 94 HB) |
| Material of housing | PBT (UL 94 V-0)   |
| Material of contact | CuZn (Brass)      |
| Plating             | Au (Gold)         |