

# Product data sheet

## Binder connectors

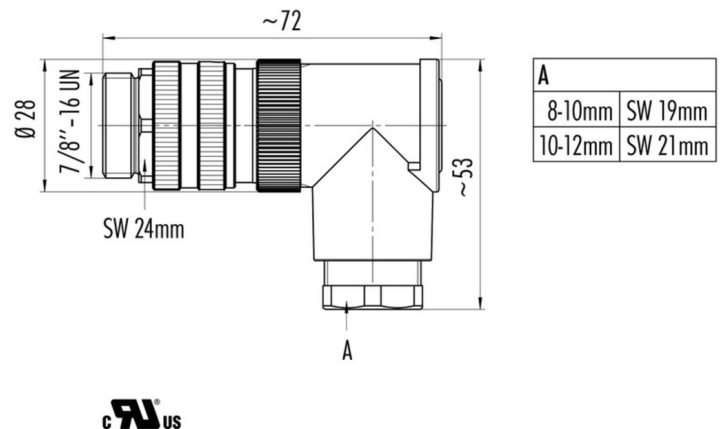
### Male angled connector



UL-approval

99 2445 62 05

<https://www.ac-solutions.be/en/product/9924456205>



## Specifications

### General Characteristics

|                    |                     |
|--------------------|---------------------|
| Screw size         | 7/8                 |
| Series             | Sensor              |
| Subseries          | 820                 |
| Gender             | Male                |
| Number of contacts | 5                   |
| 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       | 8-10 mm             |
| Wire-section       | 1.5 mm <sup>2</sup> |

### Electrical parameters

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|                         |                |
|-------------------------|----------------|
| Nominal current         | 9 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)         |