

# Product data sheet

## Binder connectors Female angled connector

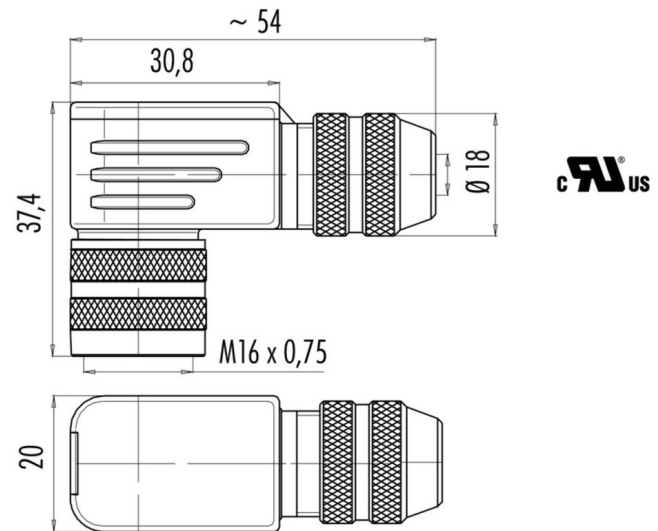


### Shieldable

UL-approval

99 5630 75 12

<https://www.ac-solutions.be/en/product/9956307512>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M16                  |
| Series             | Miniature            |
| Subseries          | 423                  |
| Gender             | Female               |
| Number of contacts | 12                   |
| Contact terminal   | Solder               |
| Upper temperature  | +95 °C               |
| Lower temperature  | -40 °C               |
| Protection degree  | IP67                 |
| Locking system     | Screw (M16)          |
| Mating cycles      | >500                 |
| Connector Diameter | 18 mm                |
| Cable outlet       | 6-8 mm               |
| Wire-section       | 0.25 mm <sup>2</sup> |

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## Binder connectors

### Female angled connector



#### Remark\*

\*In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V.

## Electrical parameters

|                         |              |
|-------------------------|--------------|
| Nominal current         | 3 A          |
| Nominal voltage         | 60 (32) V    |
| Impuls voltage          | 500 V        |
| Max. contact resistance | 3 m $\Omega$ |
| Pollution degree        | 1 (2)*       |
| Overvoltage categorie   | I (II)*      |

## Material

|                     |                             |
|---------------------|-----------------------------|
| Material group      | III                         |
| Material of insert  | PBT (UL 94 V-0)             |
| Material of housing | CuZn (Brass, nickel plated) |
| Material of contact | CuSn (Bronze)               |
| Plating             | Au (Gold)                   |