

# Product data sheet

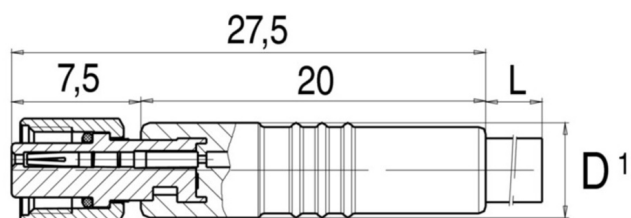
## Binder connectors Female cable connector



### Moulded, M5 x 0,5

77 3450 0000 40004 0500

<https://www.ac-solutions.be/en/product/7734500000400040500>



<sup>1)</sup> D = 6 mm, Typen 3 und 4 x 0,14 mm<sup>2</sup>; 3 x 0  
D = 6,5 mm, Typ 4 x 0,25 mm<sup>2</sup>

## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M5                   |
| Series             | Sensor               |
| Subseries          | 707                  |
| Gender             | Female               |
| Number of contacts | 4                    |
| Contact terminal   | Crimp, moulded       |
| Upper temperature  | +80 °C               |
| Lower temperature  | -25 °C               |
| Protection degree  | IP67                 |
| Locking system     | Screw (M5)           |
| Mating cycles      | >100                 |
| Connector Diameter | 6.5 mm               |
| Cable Length       | 5 m                  |
| Cable diameter     | 3,5 mm               |
| Wire-section       | 0.14 mm <sup>2</sup> |

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### Electrical parameters

|                         |       |
|-------------------------|-------|
| Nominal current         | 1 A   |
| Nominal voltage         | 60 V  |
| Impuls voltage          | 800 V |
| Max. contact resistance | 3 m?  |
| Pollution degree        | 3     |
| Overvoltage categorie   | II    |

### Material

|                     |               |
|---------------------|---------------|
| Jacket material     | PUR           |
| Material group      | I             |
| Material of insert  | PUR           |
| Material of housing | PUR           |
| Material of contact | CuSn (Bronze) |
| Plating             | Au (Gold)     |
| Insulation wire     | PVC           |