

# Product data sheet

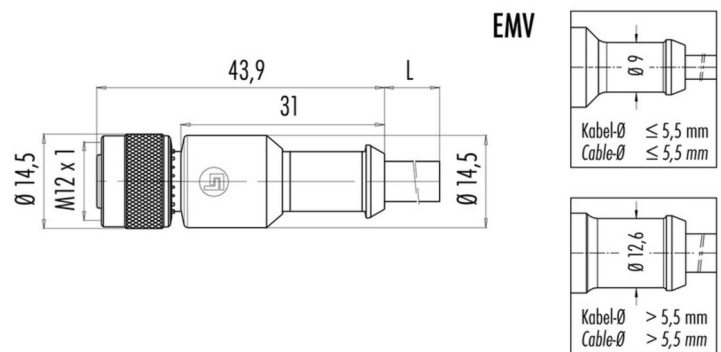
## Binder connectors Female cable connector



### Moulded, shielded

77 3530 0000 20705 0200

<https://www.ac-solutions.be/en/product/7735300000207050200>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12                  |
| Series             | Sensor               |
| Subseries          | 763                  |
| Gender             | Female               |
| Number of contacts | 5                    |
| Contact terminal   | Crimp, moulded       |
| Upper temperature  | +85 °C               |
| Lower temperature  | -25 °C               |
| Protection degree  | IP67                 |
| Locking system     | Screw (M12-A)        |
| Mating cycles      | >100                 |
| Connector Diameter | 14.5 mm              |
| Cable Length       | 2 m                  |
| Cable diameter     | 5,3 mm               |
| Wire-section       | 0.25 mm <sup>2</sup> |

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### Electrical parameters

|                         |        |
|-------------------------|--------|
| Nominal current         | 4 A    |
| Nominal voltage         | 125 V  |
| Impuls voltage          | 1500 V |
| Max. contact resistance | 3 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

### Material

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