

# Product data sheet

## Binder connectors

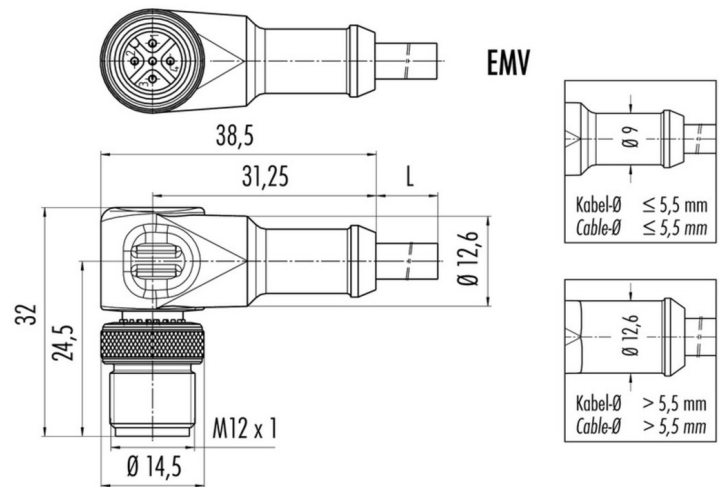
### Male angled connector



## Moulded, shielded

77 3527 0000 20704 0500

<https://www.ac-solutions.be/en/product/7735270000207040500>



## Specifications

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12                  |
| Series             | Sensor               |
| Subseries          | 763                  |
| Gender             | Male                 |
| Number of contacts | 4                    |
| 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       | 5 m                  |
| Cable diameter     | 5 mm                 |
| Wire-section       | 0.34 mm <sup>2</sup> |

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## Electrical parameters

|                         |        |
|-------------------------|--------|
| Nominal current         | 4 A    |
| Nominal voltage         | 250 V  |
| Impuls voltage          | 2500 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 | CuZn (Brass) |
| Plating             | Au (Gold)    |
| Insulation wire     | PVC          |