

# Product data sheet

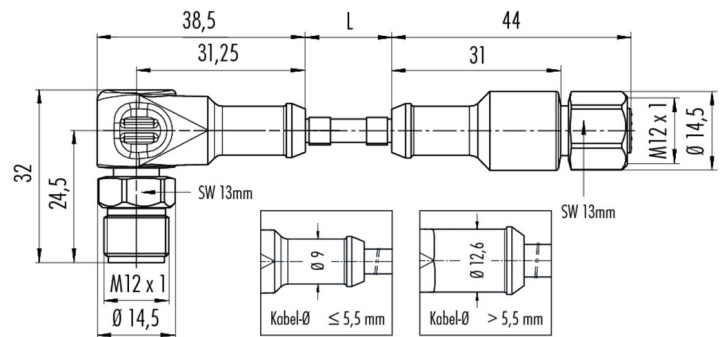
## Binder connectoren

Connecting cable, Male angled connector M12x1 - Female cable connector M12x1



77 3730 3727 40403 0500

<https://www.ac-solutions.be/nl/product/7737303727404030500>



## Specificaties

### General Characteristics

|                    |                      |
|--------------------|----------------------|
| Screw size         | M12-A                |
| Series             | Sensor               |
| Subseries          | 763                  |
| Gender             | Male & Female        |
| Number of contacts | 3                    |
| Contact terminal   | moulded on cable     |
| Color              | Grey                 |
| Upper temperature  | +105 °C              |
| Lower temperature  | -40 °C               |
| Protection degree  | IP69K/IP67           |
| Locking system     | Screw (M12-A)        |
| Mating cycles      | >100                 |
| Connector Diameter | 14.5 mm              |
| Cable Length       | 5 m                  |
| Cable diameter     | 4,5 mm               |
| Wire gauge         | 22 AWG               |
| Wire-section       | 0.34 mm <sup>2</sup> |

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|                       |           |
|-----------------------|-----------|
| Radius cable fixed    | Min. 5xD  |
| Radius cable movable  | min. 10xD |
| Single lead structure | 42x0,1    |

## Electrical parameters

|                       |        |
|-----------------------|--------|
| Nominal current       | 4 A    |
| Nominal voltage       | 250 V  |
| Impuls voltage        | 2500 V |
| Conductor resistance  | 57     |
| Pollution degree      | 3      |
| Overvoltage categorie | II     |

## Material

|                        |                             |
|------------------------|-----------------------------|
| Material group         | II                          |
| Material of insert     | PP                          |
| Material of housing    | PP                          |
| Material of contact    | Cuzn (Brass), Cusn (Bronze) |
| Plating                | Au (Gold)                   |
| Insulation single lead | PVC                         |