

# Product data sheet

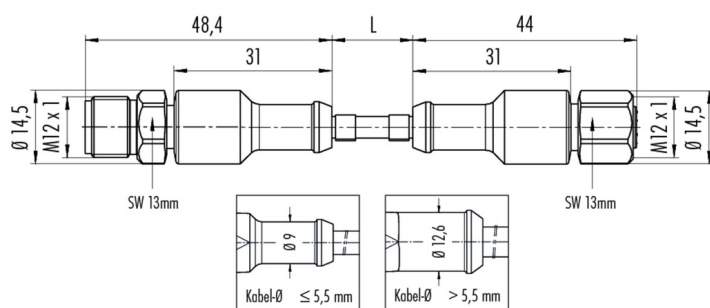
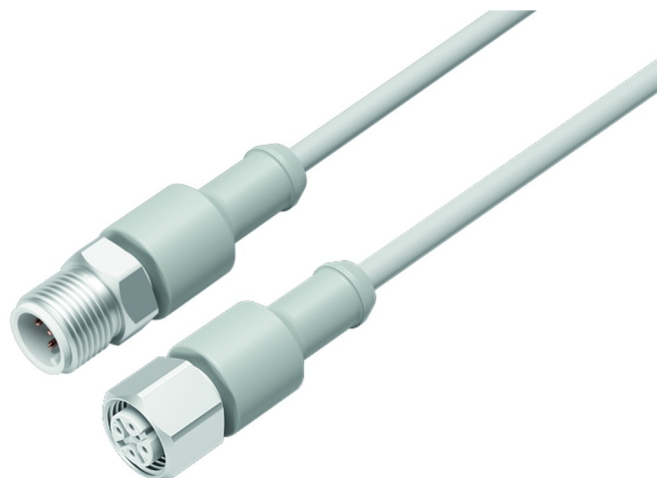
## Binder connectoren

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



77 3730 3729 40912 0200

<https://www.ac-solutions.be/nl/product/7737303729409120200>



## Specificaties

### General Characteristics

|                    |                  |
|--------------------|------------------|
| Screw size         | M12-A            |
| Series             | Sensor           |
| Subseries          | 763              |
| Gender             | Male & Female    |
| Number of contacts | 12               |
| 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       | 2 m              |
| Cable diameter     | 6,6 mm           |
| Wire gauge         | 22-28 AWG        |
| Wire-section       | 0,08 - 0,34 mm²  |

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|                       |           |
|-----------------------|-----------|
| Radius cable fixed    | Min. 5xD  |
| Radius cable movable  | min. 10xD |
| Single lead structure | 32x0,1    |

## Electrical parameters

|                       |       |
|-----------------------|-------|
| Nominal current       | 1.5 A |
| Nominal voltage       | 30 V  |
| Impuls voltage        | 800 V |
| Conductor resistance  | 75    |
| 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                         |