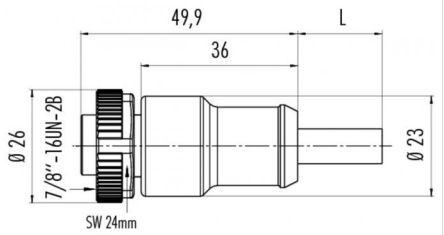
**Product sheet**

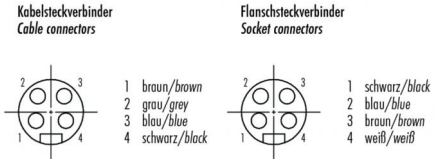
# Automation Technology

| | |
|---|---|
| Product | **Contacts: 4, cable: 4 x 1,5 PUR, female cable connector, cable length: 10m** |
| Area | **7/8" Series 870** |
| Article number | **77 1430 0000 50004-1000** |

## Scale drawing




## Contact Arrangement




# Technical data

## General features

| | |
|---|---|
| Connector Design | Female cable connector |
| Connector locking system | bolted |
| Wire gauge (mm) | 1,5 mm² |
| Wire gauge (AWG) | (16) |
| Upper temperature | 85 °C |
| Lower temperature | -25 °C |

## Cable data

| | |
|---|---|
| material housing | PUR |
| Insulation single lead | TPM |
| Single lead structure | 82 x 0,15 |
| Cable sheath Ø | 8 |
| Temperature range cable movable °C from | -20 |
| Temperature range cable movable °C to | 80 |
| Temperature range cable fixed °C from | -50 |
| Temperature range cable fixed °C to | 80 |
| Bending radius cable fixed | - |
| Bending radius cable movable | 7,5 x d |
| Approval 1 | UL listed |
| Cable diameter | 8 |

## Electrical parameters

| | |
|---|---|
| Rated voltage | 300 V |
| Rated impulse voltage | 4000 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 9 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP68 |
| Mechanical operation | > 100 Mating cycles |

## Material

| | |
|---|---|
| Material of contact | CuZn (Messing) |
| Contact plating | Au (gold) |
| Material of contact body | PUR |
| Material of housing | PUR |