**Product sheet**

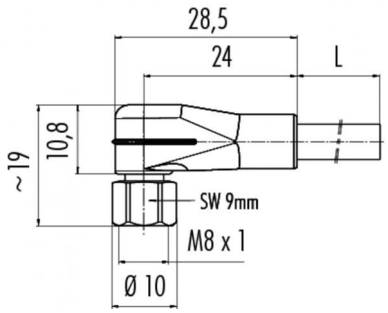
# Automation Technology

| | |
|---|---|
| Product | **Contacts: 6, cable length 5m, cable: 6 x 0,25, cable jacket PUR, female angled connector moulded, screw version, M8x1, stainless steel locking system** |
| Area | **M8 Series 718** |
| Article number | **77 3708 0000 50006-0500** |

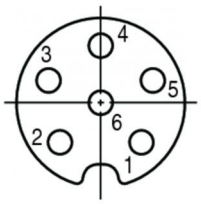
## Illustration



## Scale drawing




## Contact Arrangement




# Technical data

## General features

| | |
|---|---|
| Connector locking system | bolted |
| Termination | crimp, moulded on cable |
| Wire gauge (mm) | 0,25 mm² |
| Wire gauge (AWG) | (24) |
| Cable outlet | - |
| Upper temperature | 85 °C |
| Lower temperature | -25 °C |

## Cable data

| | |
|---|---|
| material housing | PUR |
| Insulation single lead | PP |
| Single lead structure | 32 x 0,1 |
| Cable sheath Ø | 5 |
| Conductor resistance | 79 Ω/Km |
| Temperature range cable movable °C from | -25 |
| Temperature range cable movable °C to | 90 |
| Temperature range cable fixed °C from | -50 |
| Temperature range cable fixed °C to | 90 |
| Bending radius cable fixed | min. 5 x D |
| Bending radius cable movable | min. 10 x D |
| Approval 1 | UL listed |
| Cable diameter | 5 |

## Electrical parameters

| | |
|---|---|
| Rated voltage | 30 V |
| Rated impulse voltage | 800 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 1,5 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 100 Mating cycles |

## Material

| | |
|---|---|
| Material of contact | CuSn (Bronze) |
| Contact plating | Au (gold) |
| Material of contact body | PUR |
| Material of housing | PUR |