

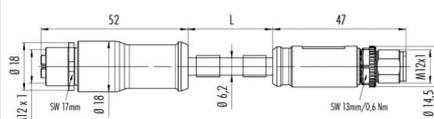
Product **Contacts: 8, Connecting cable 10m, Male cable connector M12x1 - Female cable connector M12x1, shielded**

Area **M12-D, M12-X Series 876 X-coding**
Article number **79 9724 100 08**

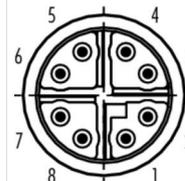
Illustration



Scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | 1,40 | -2,80 |
| 2 | 2,80 | -1,40 |
| 3 | 2,80 | 1,40 |
| 4 | 1,40 | 2,80 |
| 5 | -1,40 | 2,80 |
| 6 | -2,80 | 1,40 |
| 7 | -2,80 | -1,40 |
| 8 | -1,40 | -2,80 |

Technical data

General features

| | |
|--------------------------|-----------------------------|
| Connector Design | connecting cord |
| Connector locking system | bolted |
| Termination | crimp, overmoulded on cable |
| Wire gauge (AWG) | 26/7 |
| Upper temperature | 85 °C |
| Lower temperature | -40 °C |

Cable data

| | |
|---|-------------|
| material housing | PUR green |
| Insulation single lead | PE |
| Single lead structure | 7 x 0,16 |
| Cable sheath Ø | 6.2 |
| Conductor resistance | 14,5Ω/100 m |
| Temperature range cable movable °C from | -10 |
| Temperature range cable movable °C to | 60 |
| Temperature range cable fixed °C from | -40 |
| Temperature range cable fixed °C to | 60 |
| Bending radius cable fixed | ≥ 25 mm |
| Bending radius cable movable | ≥ 50 mm |

Electrical parameters

| | |
|----------------------|--------------------|
| Rated voltage | 50V AC, 60V DC V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 0,5 A |
| Volume resistivity | ≤ 10 mΩ |
| EMV compliance | shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 50 Mating cycles |

Material

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