

C-M23F19-19XDIFPU30,0-MA-095993 (Order no. 095993)

Connecting cable with plug connector M23 with option C1825, 30 m, straight

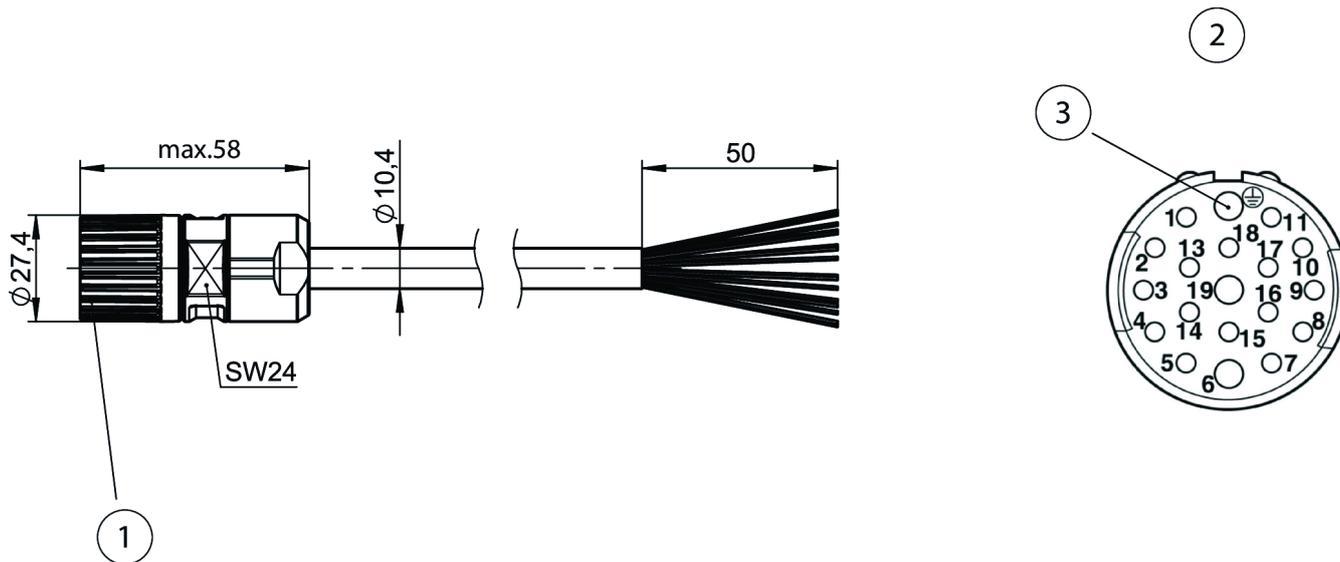
- ▶ M23 plug connector, 18-pin + PE
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 30 m
- ▶ With flying lead
- ▶ Cores color-coded



Connector assignment

| Plug connector (view of connection side) | Pin | Cross-section | Conductor coloring |
|--|-----|---------------------|--------------------|
| | 1 | 0.5 mm ² | VT |
| | 2 | 0.5 mm ² | RD |
| | 3 | 0.5 mm ² | GY |
| | 4 | 0.5 mm ² | RDBU |
| | 5 | 0.5 mm ² | GN |
| | 6 | 1.0 mm ² | BU |
| | 7 | 0.5 mm ² | GYPK |
| | 8 | 0.5 mm ² | GNWH |
| | 9 | 0.5 mm ² | YEWB |
| | 10 | 0.5 mm ² | GYWH |
| | 11 | 0.5 mm ² | BK |
| | 12 | 1.0 mm ² | GNYE |
| | 13 | 0.5 mm ² | PK |
| | 14 | 0.5 mm ² | BNGY |
| | 15 | 0.5 mm ² | BNYE |
| | 16 | 0.5 mm ² | BNGN |
| | 17 | 0.5 mm ² | WH |
| | 18 | 0.5 mm ² | YE |
| | 19 | 1.0 mm ² | BN |

Dimensional drawings



- 1 Female plug with union nut M23, 19-pin.
- 2 Terminal assignment as seen from the plug side
- 3 PE with shield spring

Technical data

Approvals



Electrical connection values

| | |
|--|--------|
| Rated voltage | 150 V |
| Test voltage | 1.5 kV |
| Overvoltage category according to IEC EN 60664-1 | II |

Connection 1

| | |
|---|---|
| Degree of contamination according to EN 60664-1 | 3 |
|---|---|

Mechanical values and environment

| | |
|-------------------------------------|--|
| Conductor identification | Color code |
| Conductor cross-section | 16 x 0.5 mm ² / 3 x 1 mm ² |
| Number of conductors | 19 |
| Dynamic bending radius | 10x cable diameter |
| Fire behavior | flame retardant according to DIN EN 60332-1-2 |
| Storage temperature | -25 ... 80 °C |
| Cable type | straight |
| Cable diameter | approx. 10.4 mm |
| Cable length | 30 m |
| Sheath color | black |
| Drag chain suitability | Yes |
| Cable ambient temperature (dynamic) | -20 ... 80 °C |
| Cable ambient temperature (static) | -20 ... 80 °C |