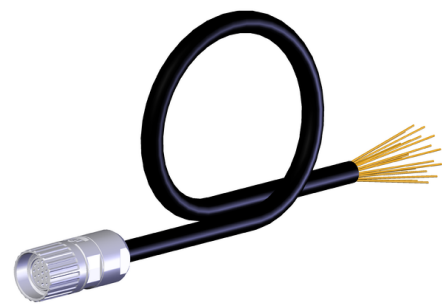


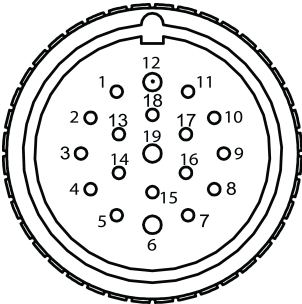
C-M23F19-19XDIFPU01,5-MA-110301 (Order no. 110301)

Connecting cable with plug connector M23, 19-pin, 1.5 m, straight

- ▶ M23 female plug, 19-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 1.5 m
- ▶ With flying lead
- ▶ Cores numbered, black



Connector assignment

Plug connector (view of connection side)	Pin	Cross-section	Numbering imprinted
	1	0.5 mm ²	1
	2	0.5 mm ²	2
	3	0.5 mm ²	3
	4	0.5 mm ²	4
	5	0.5 mm ²	5
	6	1.0 mm ²	6
	7	0.5 mm ²	7
	8	0.5 mm ²	8
	9	0.5 mm ²	9
	10	0.5 mm ²	10
	11	0.5 mm ²	11
	12	1.0 mm ²	12
	13	0.5 mm ²	13
	14	0.5 mm ²	14
	15	0.5 mm ²	15
	16	0.5 mm ²	16
	17	0.5 mm ²	17
	18	0.5 mm ²	18
	19	1.0 mm ²	19

Technical data

Approvals



Electrical connection values

Rated voltage

AC/DC 48 V
(48 V AC / 74 V DC)

Test voltage 1.5 kV

Overvoltage category according to IEC II
EN 60664-1

Connection 1

Degree of contamination according to EN 60664-1 3

Mechanical values and environment

Conductor identification Numeric code

Conductor cross-section $16 \times 0.5 \text{ mm}^2 + 3 \times 1 \text{ mm}^2$

Number of conductors 19

Dynamic bending radius 10x cable diameter

Fire behavior flame retardant according to VDE 0472 804

Storage temperature $-40 \dots 90 \text{ }^{\circ}\text{C}$

Cable type straight

Cable diameter

approx. 11.4 mm

Cable length 1.5 m

Sheath color black

Drag chain suitability Yes

Cable ambient temperature (dynamic) $-20 \dots 90 \text{ }^{\circ}\text{C}$

Cable ambient temperature (static) $-40 \dots 90 \text{ }^{\circ}\text{C}$

Material

Conductor insulation	PVC
Sheath	PUR
Conductor	EL-Cu flexible wire, bare, super fine strands

Connection 2

Conductor end Sheath stripped

Connection type flying lead

Connection 1

Connection type Plug connector M23

Connection type Female plug

Plug connector designation RC

Cable outlet straight

Number of pins 19
(16+3)

Degree of protection IP65/IP67
(locked)

Plug lock Screw connection

Insertion cycles 50

Material

Plug housing CuZn, nickel plated

Plug lock CuZn, nickel plated