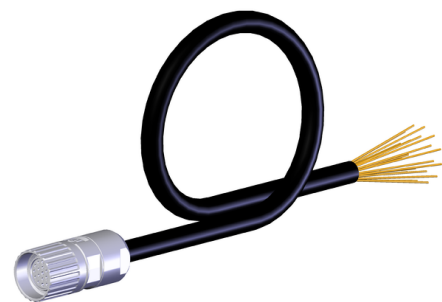


C-M23F19-19XDIFPU03,0-MA-110302 (Order no. 110302)

Connecting cable with plug connector M23, 19-pin, 3 m, straight

- ▶ M23 female plug, 19-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 3 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 EN 60664-1	II
--	----

Connection 1

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

Mechanical values and environment

Conductor identification	Numeric code
Conductor cross-section	16x 0.5 mm ² + 3x 1 mm ²
Number of conductors	19
Dynamic bending radius	10x cable diameter
Fire behavior	flame retardant according to VDE 0472 804
Storage temperature	-40 ... 90 °C
Cable type	straight

Cable diameter	approx. 11.4 mm
----------------	-----------------

Cable length	3 m
--------------	-----

Sheath color	black
--------------	-------

Drag chain suitability	Yes
------------------------	-----

Cable ambient temperature (dynamic)	-20 ... 90 °C
-------------------------------------	---------------

Cable ambient temperature (static)	-40 ... 90 °C
------------------------------------	---------------

Material

Sheath	PUR
Conductor insulation	PVC
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