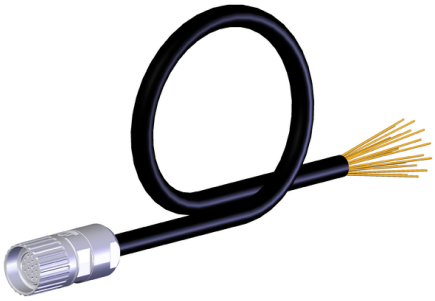
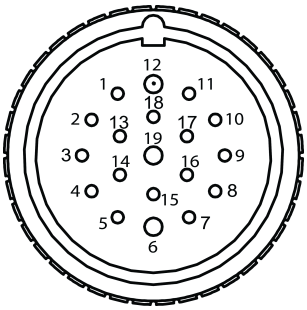
C-M23F19-19XDIFPU20,0-MA-110306 (Order no. 110306)

Connecting cable with plug connector M23, 19-pin, 20 m, straight

- M23 female plug, 19-pin
- Straight plug connector
- PUR cable
- Cable length 20 m
- With flying lead
- Cores numbered, black



Connector assignment

Plug connector (view of connection side)	Pin	Cross-section	Numbering imprinted
	1	0.5 mm²	1
	2	0.5 mm²	2
	3	0.5 mm²	3
	4	0.5 mm²	4
	5	0.5 mm²	5
	6	1.0 mm²	6
	7	0.5 mm²	7
	8	0.5 mm²	8
	9	0.5 mm²	9
	10	0.5 mm²	10
	11	0.5 mm²	11
	12	1.0 mm²	12
	13	0.5 mm²	13
	14	0.5 mm²	14
	15	0.5 mm²	15
	16	0.5 mm²	16
	17	0.5 mm²	17
	18	0.5 mm²	18
	19	1.0 mm²	19

Technical data

Approvals

UL LISTED

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	20 m
Sheath color	black
Drag chain suitability	Yes
Cable ambient temperature (dynamic)	-20 ... 90 °C
Cable ambient temperature (static)	-40 ... 90 °C

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