

## C-M23F19-19XDIFPU25,0-MA-110307 (Order no. 110307)

### Connecting cable with plug connector M23, 19-pin, 25 m, straight

- ▶ M23 female plug, 19-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 25 m
- ▶ With flying lead
- ▶ Cores numbered, black



### Connector assignment

Plug connector (view of connection side)	Pin	Cross-section	Numbering imprinted
	1	0.5 mm <sup>2</sup>	1
	2	0.5 mm <sup>2</sup>	2
	3	0.5 mm <sup>2</sup>	3
	4	0.5 mm <sup>2</sup>	4
	5	0.5 mm <sup>2</sup>	5
	6	1.0 mm <sup>2</sup>	6
	7	0.5 mm <sup>2</sup>	7
	8	0.5 mm <sup>2</sup>	8
	9	0.5 mm <sup>2</sup>	9
	10	0.5 mm <sup>2</sup>	10
	11	0.5 mm <sup>2</sup>	11
	12	1.0 mm <sup>2</sup>	12
	13	0.5 mm <sup>2</sup>	13
	14	0.5 mm <sup>2</sup>	14
	15	0.5 mm <sup>2</sup>	15
	16	0.5 mm <sup>2</sup>	16
	17	0.5 mm <sup>2</sup>	17
	18	0.5 mm <sup>2</sup>	18
	19	1.0 mm <sup>2</sup>	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
<b>Connection 1</b>	
Degree of contamination according to EN 60664-1	3

### Mechanical values and environment

Conductor identification	Numeric code
Conductor cross-section	16x 0.5 mm <sup>2</sup> + 3x 1 mm <sup>2</sup>
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	25 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