

M23 female 0° with cable

PUR 16x0.5+3x1.0 gy UL/CSA+drag chain 30m

Female straight

M23, 19-pole

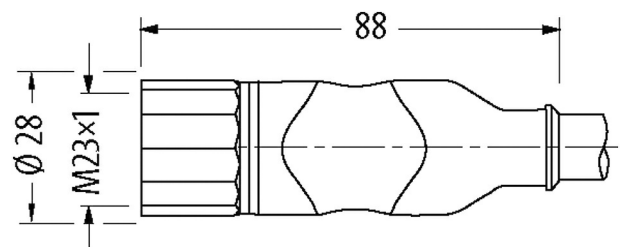
19-pole used

for 8-way distribution boxes, 5-pole

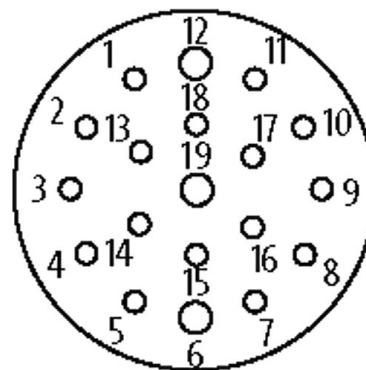
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)**Illustration**

Female



Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

Form

Form

23251

General data

Temperature range	-5...+70 °C, depending on cable quality
Pollution Degree	3
Mounting method	inserted, tightened

Cables

Cable number	452
No./diameter of wires	16× 0.5 + 3× 1.0 mm ²
Wire isolation	TPE (grpk, wh, rdbl, gn, whgn, ye, brgn, gr, whye, pk, yebr, rd, whgr, bk, grbr, vi, br, bl, gnye)
C-track properties	5 Mio.
Jacket Color	gray
Material (jacket)	PUR (UL/CSA)
Outer Ø	11.5 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	452
Approval (cable)	UL (AWM-Style 20233), CSA
Cable weight [g/m]	231,0
Material (wire)	Cu wire, bare
Resistor (core)	max. 39 Ω/km (0.5 mm ²); max. 20 Ω/km (1.0 mm ²); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	64× 0.1 mm (0.5 mm ²), 128× 0.1 mm (1.0 mm ²); (multi-strand wire class 6)
Diameter (core)	16× 0.5 + 3× 1.0 mm ²
AWG	similar to AWG 20 (0.5 mm ²); similar to AWG 17 (1.0 mm ²)
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±3 D
Wire-Ø incl. isolation	1.6 mm ±5% (0.5 mm ²); 2.1 mm ±5% (1.0 mm ²)
Material (jacket)	PUR
Outer-Ø (jacket)	11.6 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300/300 V AC
Test voltage	2000 V AC
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio.
Travel speed (C-track)	max. 2 m/s

Technical Data

Operating voltage	max. 125 V AC/DC
Operating current per contact	max. 7.5 A
Material group	IEC 60664-1, category I
Locking of ports	Screw thread (M23×1 mm) recommended torque 2.0 Nm
Compression gland	M23 (SW27)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879316316
eClass	27279218
Packaging unit	1

Sketch

15	white
7	gray/pink
5	green
4	red/blue
16	yellow
8	white/green
3	gray
14	brown/green
17	pink
9	white/yellow
2	red
13	yellow/brown
11	black
10	white/gray
1	violet
18	gray/brown
19	brown 1.0mm ²
6	blue 1.0mm ²
12	green/yellow 1.0mm ²

Product may differ from Image