

M23 female 0° with cable shielded

PUR 0.34+0.75 shielded gy UL/CSA+drag ch. 20m

Female straight

M23, 19-pole

19-pole used

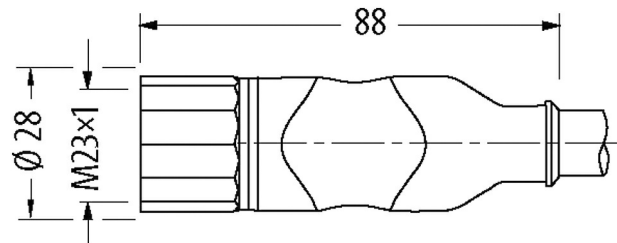
for 8-way distribution boxes, 5-pole

Shield on M23 cap nut

Further cable lengths on request.

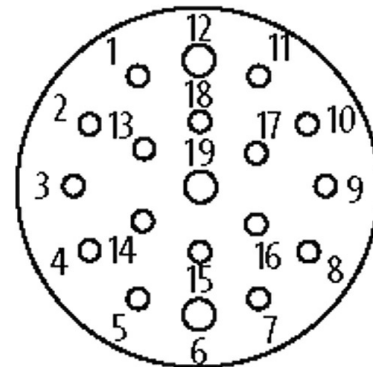
Plastic housings with good resistance against chemicals and oils.

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

Link to Product**Illustration**

15	white
7	gray/pink
	green
5	red/blue
4	yellow
16	white/green
8	gray
3	brown/green
14	pink
17	white/yellow
9	red
2	yellow/brown
13	black
11	white/gray
10	violet
1	gray/brown
18	brown 0.75 mm ²
19	blue 0.75 mm ²
6	green/yellow 0.75 mm ²
12	Shield

Female



Product may differ from Image

Form

Form 23751

Technical Data

Operating voltage max. 125 V AC/DC

Operating current per contact max. 10 A

Locking of ports Screw thread (M23×1 mm) recommended torque 2.0 Nm, self-securing

Protection IP65 and IP67 when plugged and screwed down (EN 60529)

Compression gland M23 (SW27)

General data

Temperature range -25...+85 °C, depending on cable quality

Cables

Cable number 401

No./diameter of wires 16× 0.34 + 3× 0.75 mm²

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	11.7 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-40...+90 °C
Cable identification	401
Approval (cable)	UL (AWM-Style 20233/10042), CSA; CE conform
Cable weight [g/m]	237,6
Material (wire)	Cu wire, bare
Resistor (core)	max. 53 Ω/km (0.34 mm ²); max. 26 Ω/km (0.75 mm ²); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (0.34 mm ²); 96× 0.1 mm (0.75 mm ²); (multi-strand wire class 6)
Diameter (core)	16× 0.34 + 3× 0.75 mm ²
AWG	similar to AWG 22 (0.34 mm ²); similar to AWG 18 (0.75 mm ²)
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.3 ±5% mm (0.34 mm ²); 2.6 ±5% (0.75 mm ²)
Color/numbering of wires	grpk, wh, rdbl, gn, whgn, ye, brgn, gr, whye, pk, yebr, rd, whgr, bk, grbr, vi, br, bl, gnye
Shield	yes
optical shield cover	min. 80%
Material (jacket)	PUR
Shore hardness (jacket)	94 ±5 A
Outer-Ø (jacket)	11.7 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals (ISO 6722)
Nominal voltage	300/300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-40...+90 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 2 m/s

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879187701
eClass	27279218
Packaging unit	1