

MQ15-X-Power female 0° shielded with cable

PUR 4x2,5+2x1,5 shielded or UL/CSA+drag chain 5m

Female straight

MQ15, 6-pole

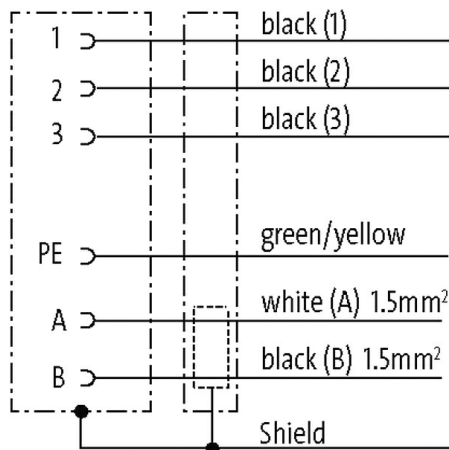
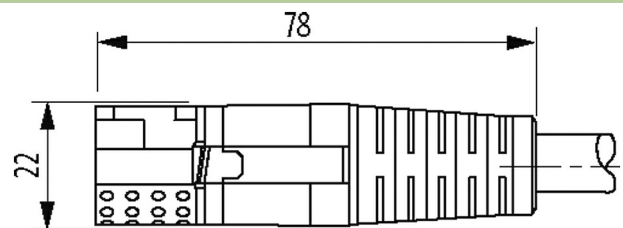
shielded

without cable sleeves

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.

Further cable lengths on request.

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

Product may differ from Image

Form

Form P8321

Technical Data

Operating voltage max. 600 V AC (Power); max. 63 V AC/DC (Signal)

Rated surge voltage 4.0 kV

Operating current per contact max. 16 A (Power); max. 10 A (Signal)

No. of poles 6

LED display no

Locking of ports Quick connection, 1/4 turn

Protection IP67 inserted and tightened (EN 60529)

Material Flame retardant plastic acc. to (UL 94)

Mating cycles ≥ 500

Configuration fully used

Material group IEC 60664-1, category I

General data

Mounting method	inserted, tightened
Material (contact carrier)	PA
Material (contact)	Copper alloy
Material (contact surface)	Ag
Stripping length (jacket)	30 mm
Pollution Degree	3
Temperature range	-25...+80 °C, depending on cable quality

Cables

No./diameter of wires	4x 2.5 + 2x 1.5 mm ²
Wire isolation	TPM (bk num, gnye)
C-track properties	5 Mio.
Jacket Color	orange
Material (jacket)	PUR (UL)
Outer Ø	12.8 mm ±5%
Bend radius (moving)	10x outer Ø
Temperature range (fixed)	-25...+80 °C
Temperature range (mobile)	-20...+80 °C
Cable identification	P11
Material (wire)	Cu wire, bare
Resistor (core)	max. 14 Ω/km (1.5 mm ²), max. 8.5 Ω/km (2.5 mm ²); (20 °C)
Construction (core)	multi-strand wire class 5 (EN 60228)
Diameter (core)	4x 2.5 + 2x 1.5 mm ²
Material (wire isolation)	TPM
Color/numbering of wires	bk numbered, gnye longitudinally striped
Shield	yes
Material (jacket)	PUR
Outer-Ø (jacket)	12.8 mm ±5%
Color (jacket)	orange
thermal resistance	flame retardant
Nominal voltage	1000 V AC
Test voltage	4000 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	5x outer Ø
Bend radius (moving)	10x outer Ø
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	±15°/m

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879704328
eClass	27279221
Packaging unit	1