MURR ELEKTRONIK

stay connected

MQ15 male 0° with cable 600V AC type 3
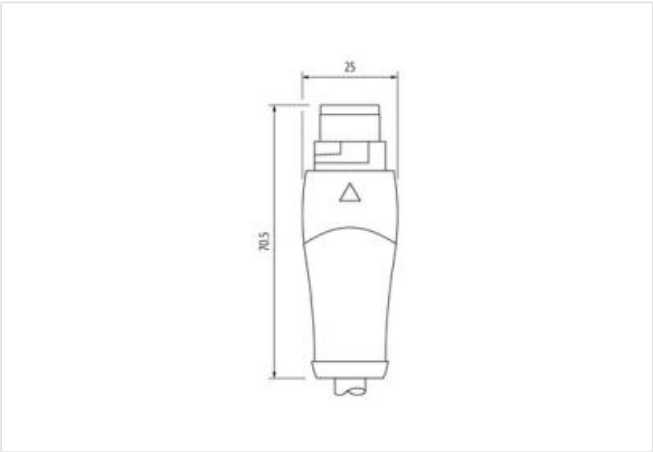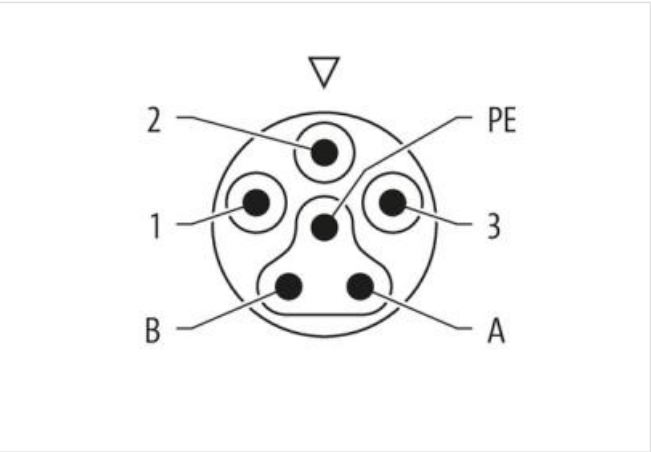
PVC 6x2.5 bk UL/CSA 10m

Male straight
MQ15, 6-pole
with 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

1	BK 1
2	BK 2
3	BK 3
PE	GN YE
A	BK 4
B	BK 5

Product may differ from Image

CE   UKCA   UL LISTED Power Cable Assembly   EAC   50

Cable length	10 m

Side 1	
Mounting method	inserted, locked

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal Ø)	18 mm
Material contact	Copper alloy
No. of poles	6
Degree of protection (EN IEC 60529)	IP65, IP67

Side 2

Stripping length (jacket)	100 mm

Commercial data

ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909047569
Packaging unit	1

Electrical data | Supply

Operating voltage AC per power contact max.	600 V
Operating voltage AC per signal contact max.	63 V
Operating voltage DC per signal contact max.	63 V
Operating current per power contact max.	16 A
Operating current per signal contact max.	10 A

Diagnostics

Status indication LED	no

Installation | Connection

Stripping length (jacket)	100 mm

Installation | Pin assignment

Coding	Type 3
Configuration	fully used

Device protection | Electrical

Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage power contacts	6 kV
Rated surge voltage signal contacts	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Material housing	PUR
Material contact carrier	PA

Mechanical data | Mounting data

Looking techniques	bayonet-locking

Environmental characteristics | Climatic

Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Conformity

Product standard	IEC 61076-2-116

Installation | Cable

STOOW style jacket	Power

Cable identification	P74
Cable Type	1
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	6 wires around Filler twisted
Filler	yes
wire arrangement	black 5, black 4, black 3, black 2, black 1, green-yellow
Cable weigth	238,7 g/m
Material jacket	PVC
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	10,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	6
Outer diameter insulation	2,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Electrical function wire	Power
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	18,2 A
Electrical function wire	Power
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV
Power frequency withstand voltage (wire - jacket)	10 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2	IEC 60332-2-2	UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404	Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at