

MQ15-X-Power male receptacle front mount

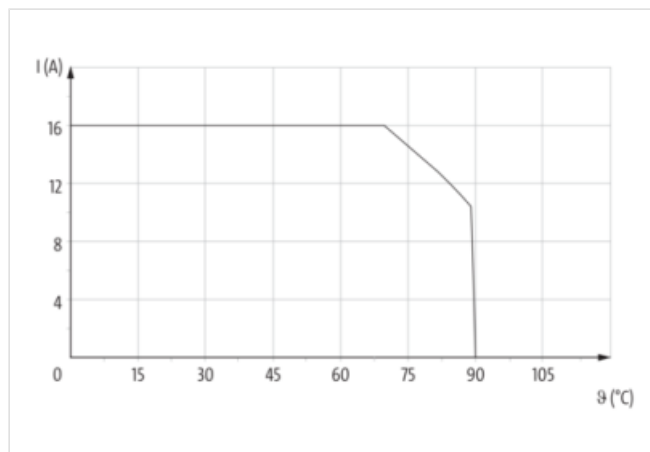
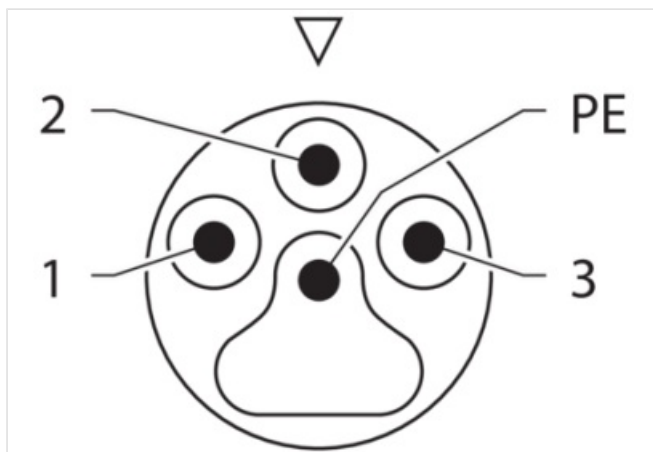
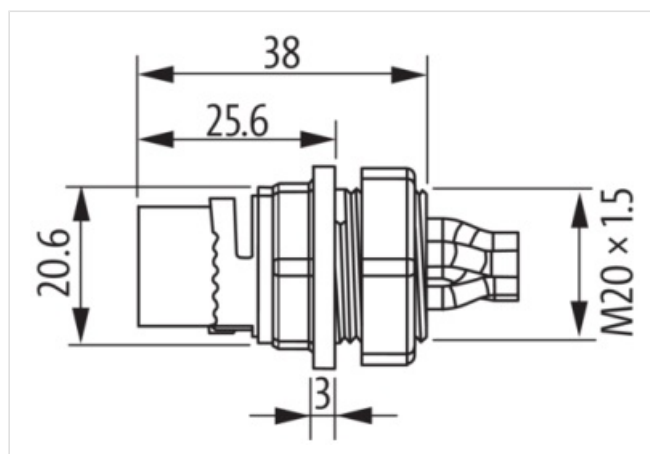
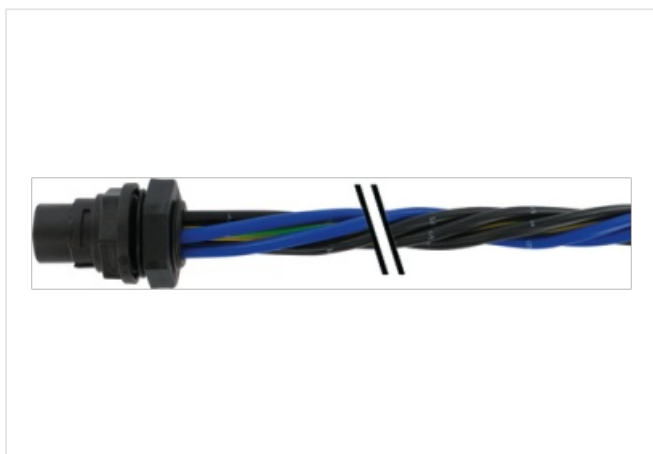
wires PVC 4x2,5 0,5m

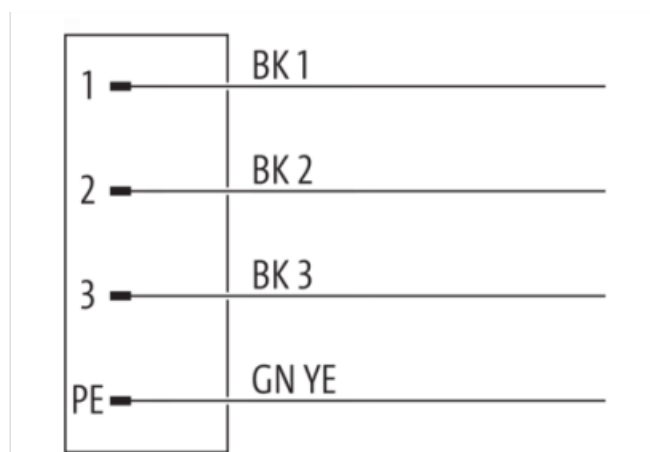
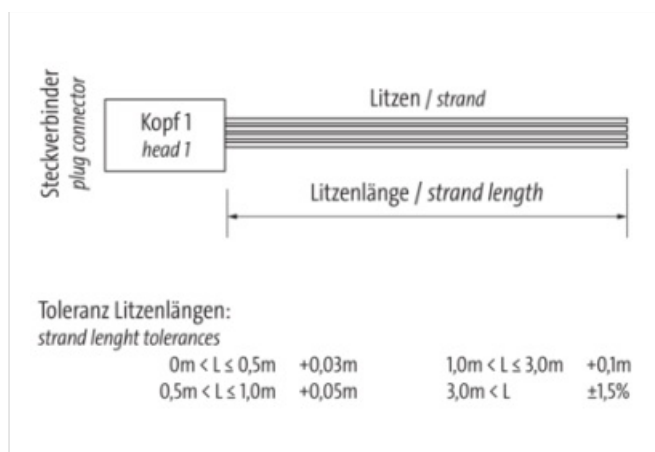
Art.No.: 7000-P8081-P820050

Weight: 0.065

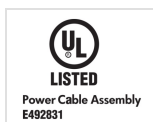
Country of origin: DE

Model designation: MSWAQ3FV-P82_0.5

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



Product may differ from Image

**Side 1**

Family construction form	MQ15
No. of poles	4
Coding	Type 3
Mounting method	inserted, screwed
Material contact	Copper alloy
Coating contact	silver-plated

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-P8081-P820050
GTIN	4065909027967
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-7.1	27440103
ECLASS-8.0	27440103
ECLASS-8.1	27440103
ECLASS-9.0	27440103
ECLASS-9.1	27440109
ECLASS-10.0.1	27440109
ECLASS-10.1	27440103
ECLASS-11.0	27440109
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ECLASS-13.0	27440109
ECLASS-14.0	27440109
ETIM-5.0	EC002061
ETIM-6.0	EC002061
EAN	4065909027967

Electrical data | Supply

Operating voltage AC max.	600 V
Current operating per contact max.	16 A

Diagnostics

Status indication LED no

Installation | Connection

Mating cycles min. 500

Installation | Pin assignment

Configuration fully used

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Material housing	Brass
Coating housing	nickel plated
Material contact carrier	PA

Mechanical data | Mounting data

Looking techniques bayonet-locking

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality

Important installation notes

Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Conformity

Product standard DIN EN 61076-2-116

Temperature range | Cable

Cable identification	P82
Wire arrangement	black 1, black 2, black 3, green-yellow
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	3.7 mm
Conductor crosssection (wire)	2.5 mm ²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	600 V
Withstand voltage (wire - wire)	2.5 kV
Withstand voltage (wire - jacket)	2.5 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	70 °C