

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

Flange male

MQ15, 4-pole

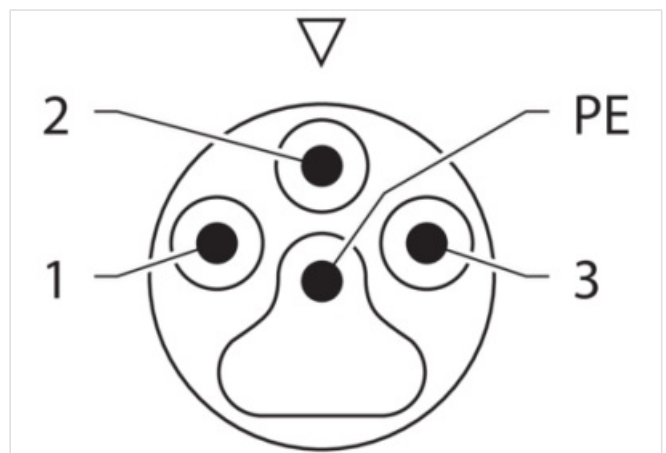
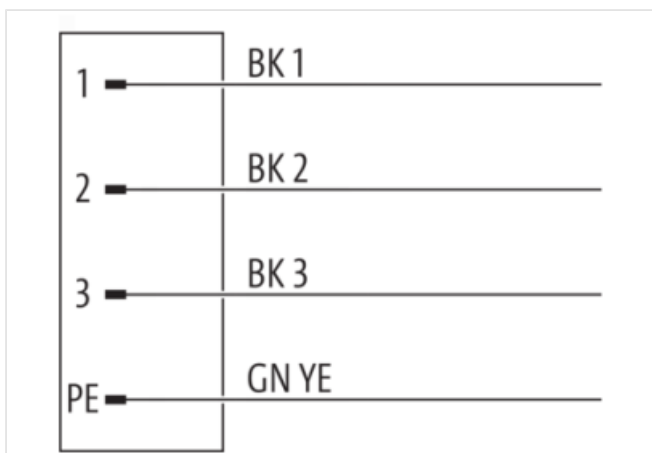
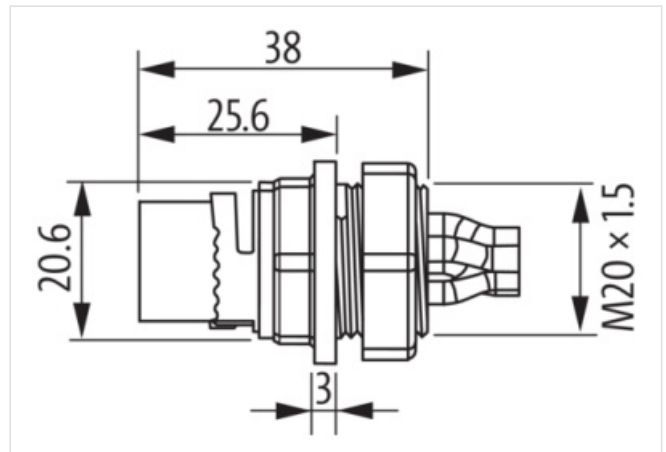
with multi-strand wire

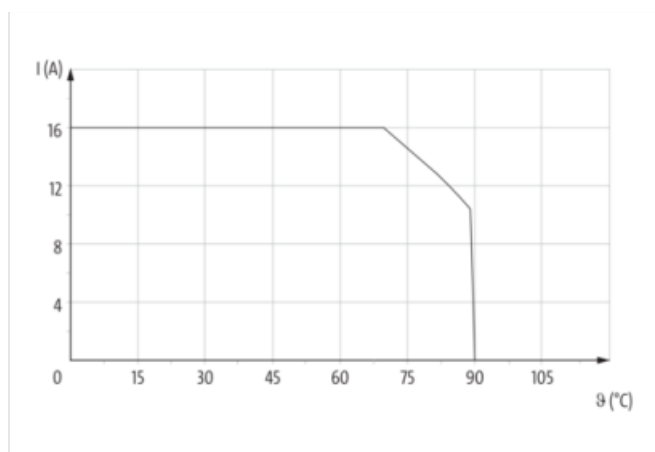
Front mounting

Plastic housings with good resistance against chemicals and oils.

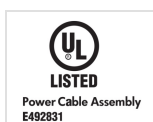
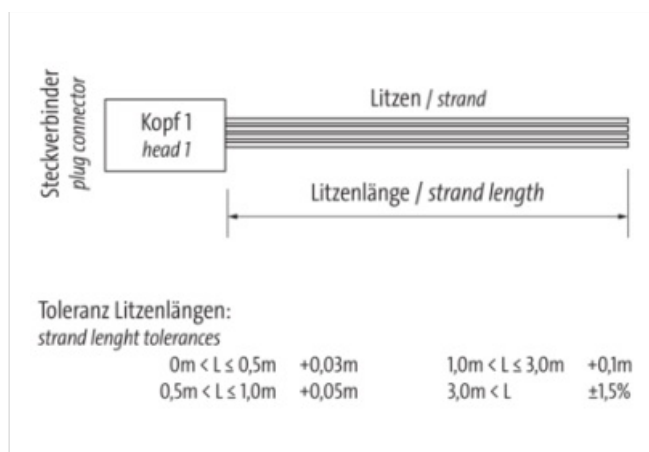
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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



Product may differ from Image



Header

Material short text	MSWAQ3FV-P82_0.5
Cable length	0.5 m

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
customs tariff number	85444290
EAN	4065909027967
Packaging unit	1

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