

MQ15-X-Power male receptacle front mount

wires PVC 4x2,5 0,5m

Art.No.: 7000-P8081-P820050

Weight: 0.065 kg

Country of origin: DE

Model designation: MSWAQ3FV-P82_0.5

Flange male

MQ15, 4-pole

with multi-strand wire

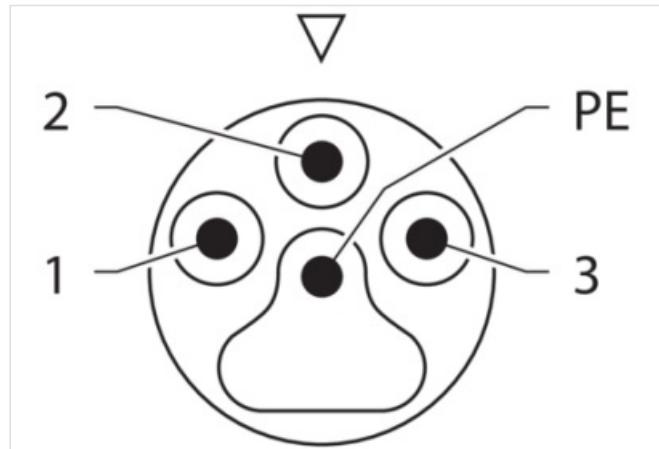
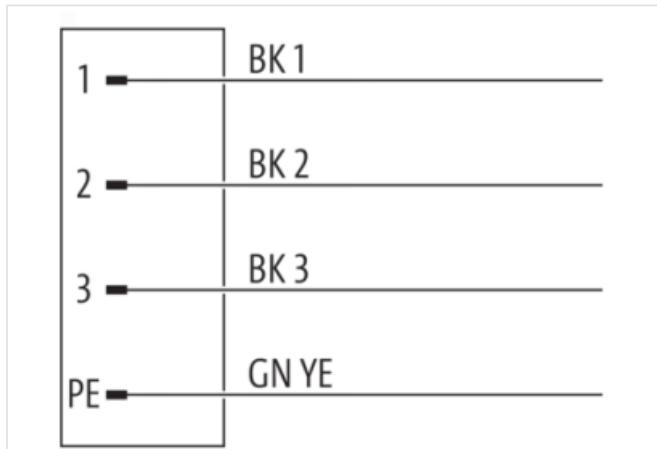
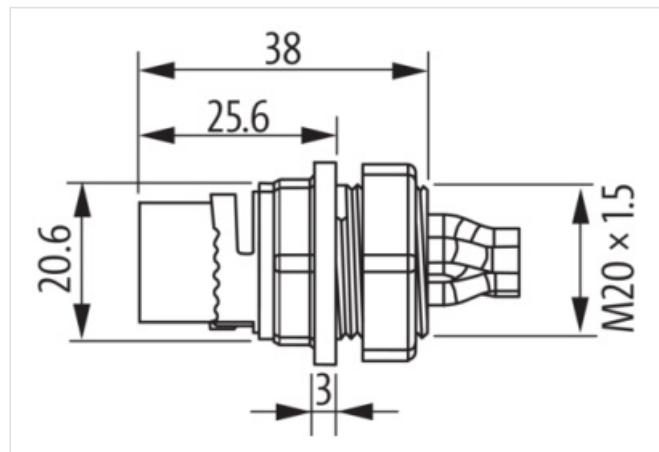
Front mounting

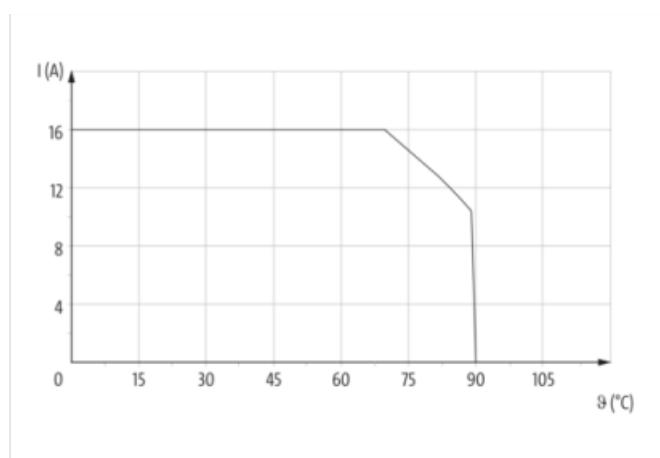
Plastic housings with good resistance against chemicals and oils.

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

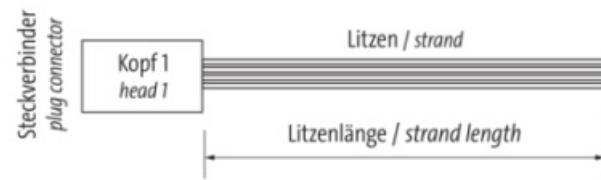
Further cable lengths on request.

Hexagon nut M20x1,5 (SW26) for flange connector included in the delivery package.

[Link to Product](#)
Illustration




Product may differ from Image



Toleranz Litzenlängen:
strand lenght tolerances

0m < L ≤ 0,5m	+0,03m	1,0m < L ≤ 3,0m	+0,1m
0,5m < L ≤ 1,0m	+0,05m	3,0m < L	±1,5%



Header

Material short text	MSWAQ3FV-P82_0,5
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Cable length	0,50 m
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Side 1

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

URL Webshop	https://shop.murrelektronik.com/7000-P8081-P820050
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GTIN	4065909027967
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ECLASS-6.0	27279220
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ECLASS-6.1	27279220
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ECLASS-7.0	27440103
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ECLASS-7.1	27440103
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ECLASS-8.0	27440103
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ECLASS-8.1	27440103
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ECLASS-9.0	27440103
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ECLASS-9.1	27440109
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ECLASS-10.0.1	27440109
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ECLASS-10.1	27440103
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ECLASS-11.0	27440109
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ECLASS-11.1	27440103
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ECLASS-12.0	27440103
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ECLASS-13.0	27440109
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ECLASS-14.0	27440109
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ETIM-5.0	EC002061
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ETIM-6.0	EC002061
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customs tariff number	85444290
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EAN	4065909027967
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Packaging unit	1
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Electrical data | Supply

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

Diagnostics

Status indication LED	No
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Installation | Connection

Tightening torque	6 Nm
Mounting set	M20 x 1.5
Width across flats	SW22
Mating cycles min.	500

Installation | Pin assignment

Configuration	fully used
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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
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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.
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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Conformity

Product standard	EN IEC 61076-2-116
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Temperature range | Cable

Cable identification	P82
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 max.	600 V
Withstand voltage (wire - wire)	2.5 kV
Withstand voltage (wire - jacket)	2.5 kV
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	70 °C