

MQ15-X-Power fem. receptacle shielded front mount

wires PVC 4x2.5 0,5m

Art.No.: 7000-P8291-P820050

Weight: 0.097 kg

Country of origin: DE

Model designation: MSWBQ3FV-P82_0.5

Flange female

MQ15, 4-pole

with multi-strand wire

shielded housing

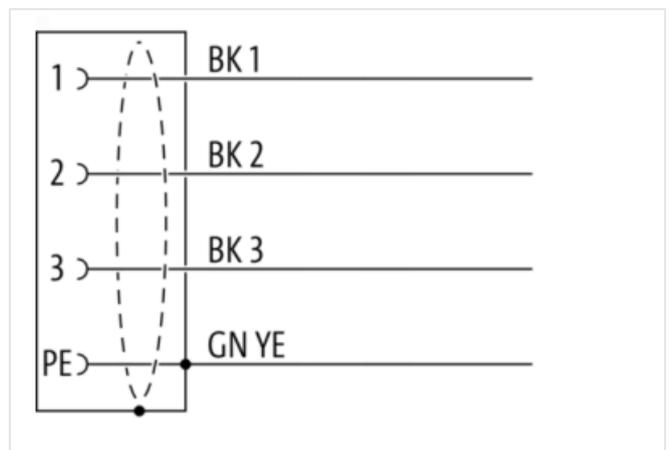
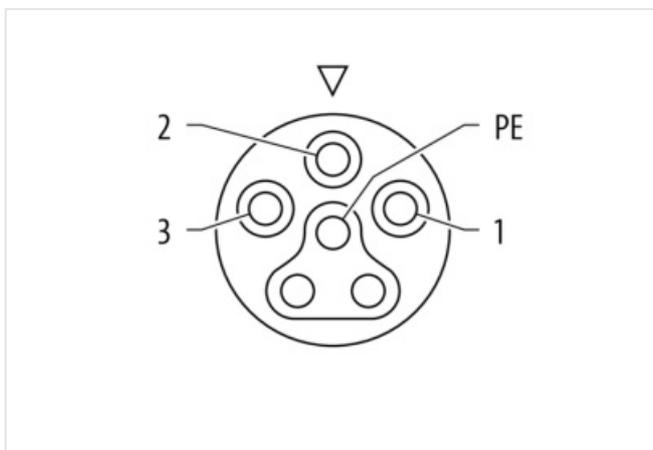
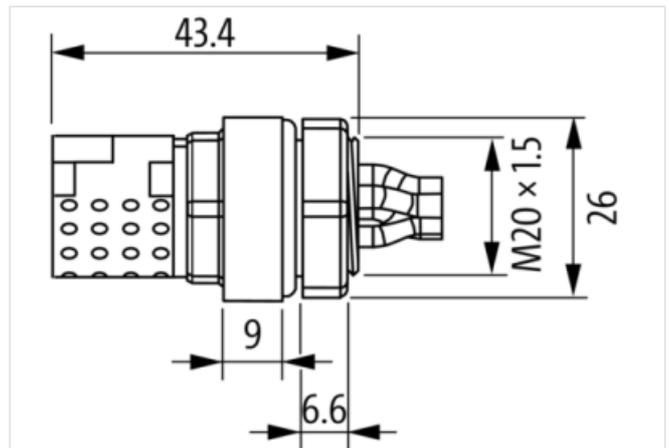
Front mounting

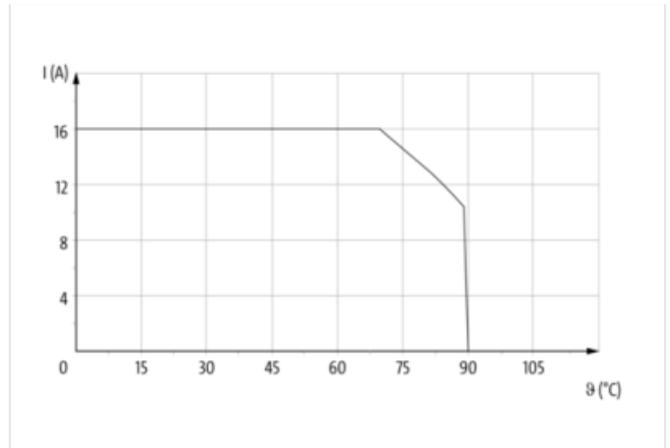
Hexagon nut M20x1,5 (SW26) for flange connector included in the delivery package.

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



Cable length 0,50 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-P8291-P820050
GTIN	4048879702096
Customs tariff number	85444290
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	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879702096

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: 2026-05-06

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

Tightening torque 6 Nm

Mounting set M20 x 1.5

Width across flats SW22

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

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. 70 °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 EN/IEC 61076-2-116

Temperature range | Cable

Cable identification P82

Wire arrangement BK 1, BK 2, BK 3, GNYE

Material wire insulation PVC

Amount wires 4

Outer diameter insulation 3.7 mm

Conductor crosssection (wire) 2,5 mm²

Material conductor wire copper stranded wire, tinned

Nominal voltage max. 600 V

Withstand voltage (wire - wire) 2.5 kV

Withstand voltage (wire - jacket) 2.5 kV

Operating temperature (static) -40 °C ... 70 °C