

## ISOBUS male with cable

PUR 2x10+2x2,5+1x4x0,5 bk 5m

Male straight

24 V DC

ISOBUS

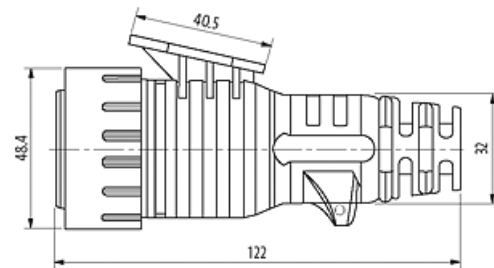
Plastic housings with good resistance against chemicals and oils.

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

#### Form

Form 70501

#### Technical Data

Operating voltage	24 V DC
Operating current per contact	max. 3 A (0.5 mm <sup>2</sup> ); max. 12 A (2.5 mm <sup>2</sup> ); max. 38 A (10 mm <sup>2</sup> )
Protection	IP67, IP69K inserted
Material	PUR
Locking material	Notched contact
Mating cycles	≥ 100
Housing	Polyamide

#### General data

Pollution Degree	3
Temperature range	-20...+80 °C, depending on cable quality
Material (contact carrier)	Polyamide
Material (contact)	Brass, nickel plated
Material (contact surface)	Brass, nickel plated
Material (gasket)	Silicon

#### Cables

Cable identification	H02
Material (wire)	Cu wire, bare
Resistor (core)	max. 39 Ω/km (0.5 mm <sup>2</sup> ), max. 7.98 Ω/km (2.5 mm <sup>2</sup> ), max. 1.91 Ω/km (10 mm <sup>2</sup> )
Diameter (core)	1 × 4 × 0.5 mm <sup>2</sup> + 2 × 2.5 mm <sup>2</sup> + 2 × 10 mm <sup>2</sup>
Material (wire isolation)	PP (0.5 mm <sup>2</sup> ); PVC (2.5 mm <sup>2</sup> , 10 mm <sup>2</sup> )
Wire-Ø incl. isolation	1.75 mm ±5% (0.5 mm <sup>2</sup> ); 3.0 mm ±5% (2.5 mm <sup>2</sup> ); 5.7 mm ±5% (10 mm <sup>2</sup> )
Color/numbering of wires	rd, bk, ye, gn (0.5 mm <sup>2</sup> ); bk, rd (2.5 mm <sup>2</sup> , 10 mm <sup>2</sup> )
Material (jacket)	PUR
Outer-Ø (jacket)	16.8 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals

thermal resistance	flame retardant IEC 60332-1-2
Nominal voltage	max. 60 V (0.5 mm <sup>2</sup> ); max. 300 V (2.5 mm <sup>2</sup> ; 10 mm <sup>2</sup> )
Test voltage	max. 2500 V (0.5 mm <sup>2</sup> ); max. 4000 V (2.5 mm <sup>2</sup> ; 10 mm <sup>2</sup> )
Temperature range (fixed)	-40...+85 °C
Temperature range (mobile)	-20...+85 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø

**Commercial data**

country of origin	DE
customs tariff number	85366990
EAN	4048879808088
eClass	27279218
Packaging unit	1