

Drive Cliq IP20/ M12 fem. recept. A-cod. shielded

PUR 0.20+0.38 shielded gn UL/CSA+drag ch. 1.5m

Art.No.: 7000-SS075-8800150

Weight: 0.152

Country of origin: DE

Model designation: MSBFH-RJ-35D880_1.5-ZS

Ethernet CAT5

Flange female straight – male straight

DRIVE-CLiQ IP20

M12, 8-pole

partly used

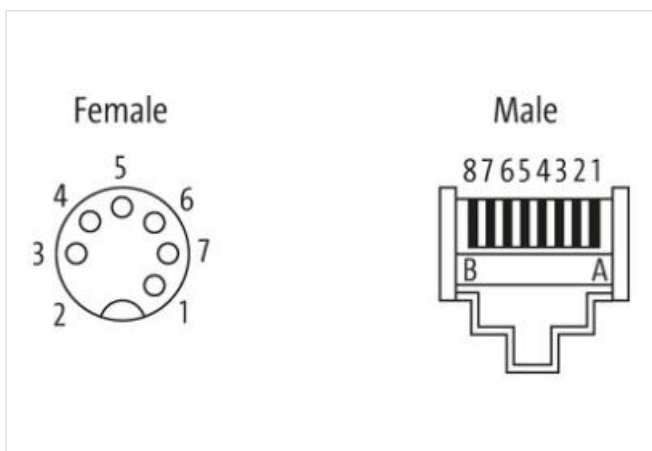
shielded

without cable sleeves

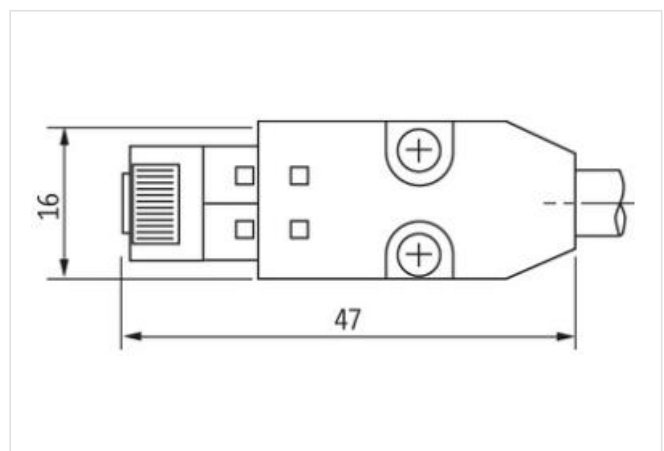
Rear mounting

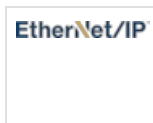
Further cable lengths on request.

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

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

Product may differ from Image





Cable length	1,5 m
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Side 1

Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Degree of protection (EN IEC 60529)	IP67

Side 2

Family construction form	DRIVE-CLiQ
Degree of protection (EN IEC 60529)	IP20

Commercial data

ECLASS-6.0	27061801
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879618274
EAN	4048879618274
Packaging unit	1
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,76 A

Industrial communication

Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s

Industrial communication | Ethernet functionality

duplex	Full duplex
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Installation | Connection

Family construction form	M12
Width across flats	SW19

Device protection | Electrical

Protection NEMA	3, 4, 6P
Pollution Degree	3
Rated surge voltage	0,5 kV
Material group (IEC 60664-1)	II

Mechanical data | Material data

Material housing	PUR
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Coating locking	nickel plated
Locking material	Brass
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Approvals	
UL 50E	yes
Installation Cable	
wire arrangement	(green, yellow), (pink, blue), (red, black)
Cable identification	880
Jacket Color	green
Type of Certificate	cURus
Amount stranding	3
Stranding	2 wires with 2 Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	3 Stranded joints with Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	(green, yellow), (pink, blue), (red, black)
Cable weight	75,9 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	Polyolefin
Amount wires	4
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)	19
Diameter of single wires	0,118 mm
Conductor crosssection (wire)	0,2 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	Polyolefin
Outer diameter wire insulation (Data)	1 mm
Tolerance outer diameter wire insulation (data)	± 5 %
Amount wires (Data)	2
Amount strands wire (Data)	19
Diameter of single wires (Data)	0,16 mm
Conductor crosssection wire (Data)	0,38 mm²
Material conductor wire (Data)	copper stranded wire, tinned
Wire conductor type (Data)	strand class 6
Nominal voltage AC max.	30 V

Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Current load capacity min. Wire (Data)	6 A
Characteristic impedance	100 $\Omega \pm 5\%$ @ 100 MHz
Electrical resistance line constant wire	94 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	55 Ω/km @ 20 °C
Isolation resistance	1000 M $\Omega \times \text{km}$
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Traversing distance (C-track)	50 m @ 25 °C horizontal
Travel speed (C-track)	5 m/s @ 25 °C
Torsion stress	± 30 °/m