

Drive Cliq IP20 / M12 female 0° Y-cod. shielded

PVC AWG24+22 shielded gn UL/CSA+drag ch. 9.5m

Art.No.: 7000-SS601-8810950

Weight: 0.756

Country of origin: DE

Model designation: MSYBL0-RJ-24D881_9.5-ZS

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available [on request](#)

If you are missing technical information? Please feel free to use our [dictionary](#) to find more technical details.

Product details:

Transmission properties with channel transmission up to 50 m

Further cable lengths on request.

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

Plastic housings with good resistance against chemicals and oils.

Female straight – male straight

M12, 8-pole

DRIVE-CLiQ IP20, 10-pole

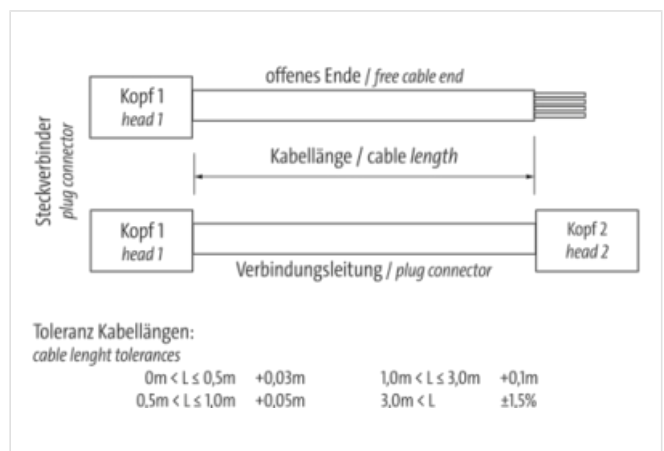
Y-coded

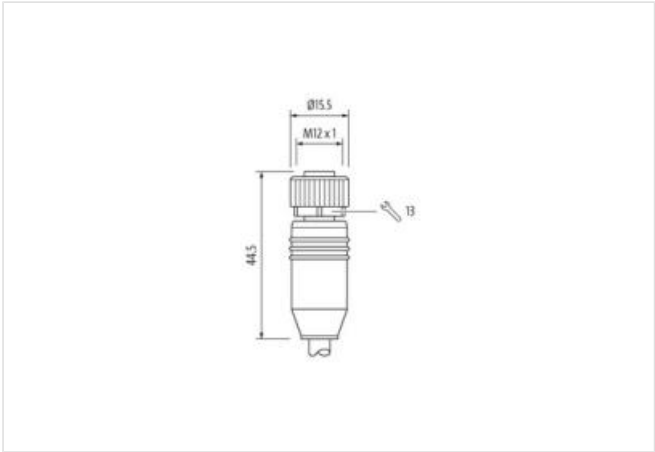
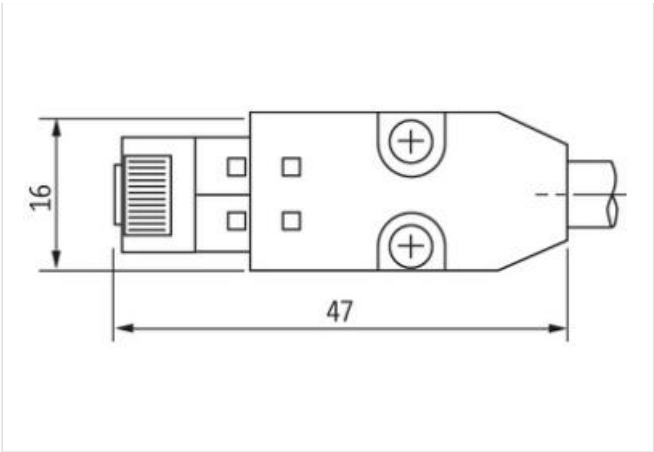
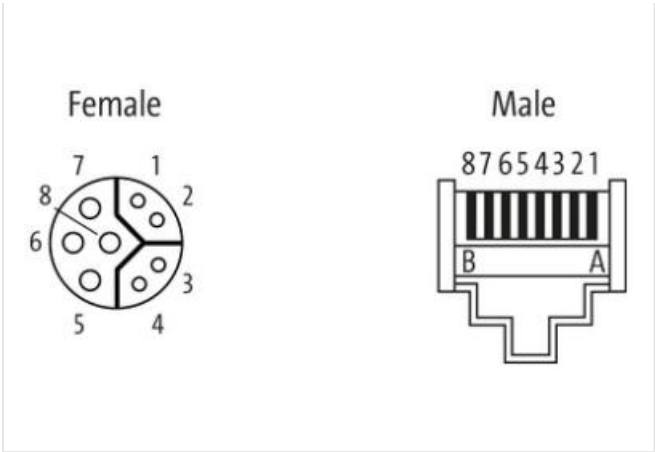
partly used

shielded

without cable sleeves

Ethernet CAT5

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



Product may differ from Image

Cable length 9,5 m

Side 1

Tightening torque 0,6 Nm
Family construction form M12
Thread M12 x 1
Coding Y
Width across flats SW13
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	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC000830
customs tariff number	85444290

EAN	4048879752183
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Packaging unit	1
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Electrical data | Supply

Operating voltage AC max.	50 V
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Operating voltage DC max.	50 V
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Operating current per data contact max.	0,5 A
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Operating current per signal contact max.	1,76 A
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Industrial communication

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

duplex	Full duplex
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Device protection | Electrical

Pollution Degree	3
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Rated surge voltage	0,5 kV
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Material group (IEC 60664-1)	II
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Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Material housing	PUR
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Coating locking	Nickeled
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Material gasket	FKM
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Locking material	Zinc die-casting
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Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-20 °C
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Operating temperature max.	80 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

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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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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Installation | Cable

wire arrangement	(green, yellow), (pink, blue), (red, black)
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Cable identification	881
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Function cable	Hybrid, Data, Power
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Jacket Color	green
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Type of Certificate	cURus
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Amount stranding	3
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Stranding	2 wires with Filler twisted
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Stranding (type 2)	3 Stranded joints with Filler twisted
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Cable shielding (type)	copper braid, tinned
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Cable shielding (coverage)	85 %
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Filler	yes
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wire arrangement	(green, yellow), (pink, blue), (red, black)
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Material jacket	PVC
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Freedom from ingredients (jacket)	lead-free, CFC-free, silicone-free
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Outer-diameter (jacket)	6,95 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	PE
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Amount wires	4
Outer diameter insulation	1,03 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Electrical function wire	Data
Material wire insulation (Power)	PE
Outer diameter wire insulation (Power)	1,03 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power)	lead-free, CFC-free, halogen-free
Amount wires (Power)	2
Amount strands wire (Power)	7
Diameter of single wires (Power)	22 AWG
Wire conductor cross section (Power)	22 AWG
Material conductor wire (Power)	copper stranded wire, tinned
Nominal voltage AC max.	30 V
Electrical function wire	Data
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	90 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	55 Ω/km @20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	50000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
AC withstand voltage (wire - shield)	0,5 kV @ 60 s
Isolation resistance	1000 MΩ × km
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	0 °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
No. of bending cycles (C-track)	0,1 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	0,5 m/s @ 25 °C