

M12 male 0° / M12 male 90° D-cod. shielded

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 2m

USA Ethernet CAT5 Male 90° – male straight M12 – M12, 4-pole D-coded shielded

Further cable lengths on request.

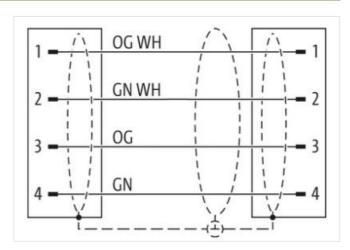
Plastic housings with good resistance against chemicals and oils.

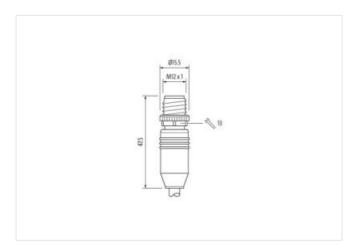
The resistance to aggressive media should be individually tested for your application. Further details on request.

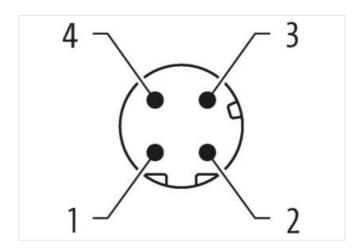
Link to Product

Illustration



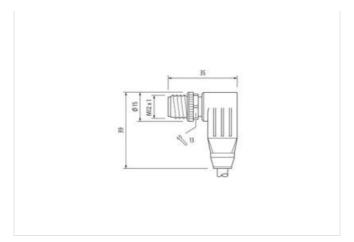


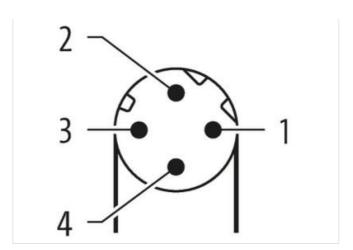






stay connected





Product may differ from Image













Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	angled
Coding	D
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
ECLASS-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879605441
Packaging unit	1
Electrical data Supply	



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Current operating per contact max. 1.5 A Indiastrial communication CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MB/bs Indiastrial communication Element functionality Public duplica Obviors protection Electrical Full duplica Device protection Electrical IPPS, IPPS, IPPSR Additional condition protection degree Insented, screwed Pollution Degree 3 Reads surge voltage 1.5 kW Material group (IEC 80864-1) I Mechanical data Material data Valuation Degree Sectional data Material data Valuation Material data Sectional data Material data Valuation Material data Devicing material 2 for die casting Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating interpreture max. 25 °C Addition notes 35 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by	Operating voltage DC max.	60 V
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Outer-diameter (jacket) 6,6 mm		
Tolerance outer diameter (sheath) ± 5 %		
	Tolerance outer diameter (sheath)	± 5 %

Torsion stress

Torsion speed



Material wire insulation	HDPE
Amount wires	4
Outer diameter insulation	1,22 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Characteristic impedance	100 Ω @ 100 MHz
Electrical resistance line constant wire	76,4 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 2 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 2 s
Loop resistance	280 Ω/km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic)	4 x Outer diameter
No. of bending cycles (C-track)	35 Mio.
Traversing distance (C-track)	0,6 m
Travel speed (C-track)	1,2 m/s
No. of torsion cycles	3 Mio.

± 270 °/m

60 cycles/min