

M12 male 0° / M12 female 90° A-cod.

TPE 4x18AWG ye UL/CSA. ITC/PLTC 2.5m

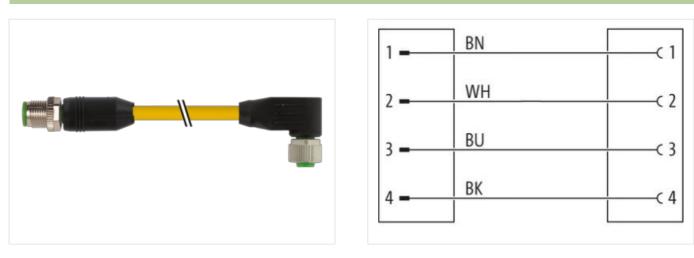
Male straight – female 90° Cable is approved for 600 V M12 – M12, 4-pole USA Cable is approved for 600 V Plastic housings with good res

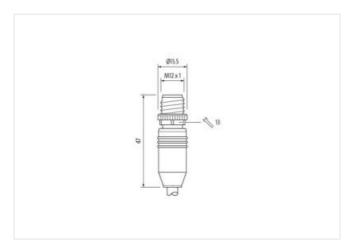
Plastic housings with good resistance against chemicals and oils.

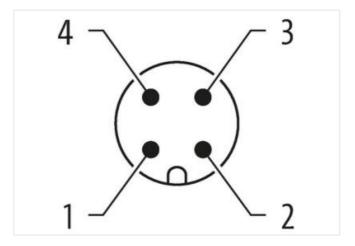
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration

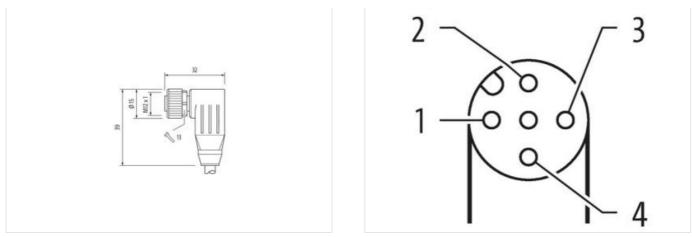






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26 Murrelektronik by | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be





Product may differ from Image



Cable length	2,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	Α
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	angled
Coding	A
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879715287

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Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



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Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,93 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)19Diameter of single wires18 AWGConductor crosssection (wire)18 AWGMaterial conductor wireStranded copper wire, bare	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulationPVCAmount wires4Outer diameter insulation1,93 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)19Diameter of single wires18 AWGConductor crosssection (wire)18 AWGMaterial conductor wireStranded copper wire, bare	Outer-diameter (jacket)	7,21 mm
Amount wires4Outer diameter insulation1,93 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)19Diameter of single wires18 AWGConductor crosssection (wire)18 AWGMaterial conductor wireStranded copper wire, bare	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,93 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)19Diameter of single wires18 AWGConductor crosssection (wire)18 AWGMaterial conductor wireStranded copper wire, bare	Material wire insulation	
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare		
Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)19Diameter of single wires18 AWGConductor crosssection (wire)18 AWGMaterial conductor wireStranded copper wire, bare	Outer diameter insulation	
Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare		
Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare		
Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare		
Material conductor wire Stranded copper wire, bare		
Nominal Voltage AU max. 600 V		

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Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	22,5 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	4 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	4 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m

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