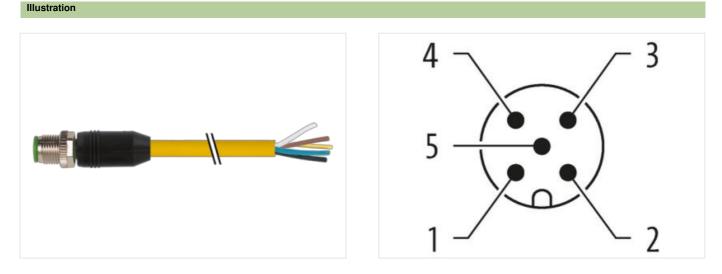


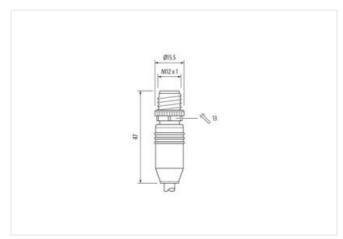
M12 male 0° A-cod. with cable

TPE 5x18AWG ye UL/CSA. ITC/PLTC 3m

Male straight Cable is approved for 600 V M12, 5-pole USA Cable is approved for 600 V 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





Product may differ from Image



Cable length

3 m

Side 1

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: 2024-05-06

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burrent operating per contact max. 4 A Installation Connection Bender male Device protection Electrical Udditional condition protection degree inserted, screwed Pollution Degree 3 ated surge voltage 1,5 kV Atterial group (IEC 60664-1) I Mechanical data Material data J Joaking locking nickel plated Atterial rouging nickel plated Atterial straw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Screwed, Shaking protection Environmental characteristics Climatic Joperating temperature min. -25 °C Sperating temperature max. 85 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Vddditional condition temperature range depending on cable quality Important Installation notes Installation: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contornity IN EN 61076-2-101 (M12)	Operating voltage AC (UL-listed)	30 V
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Conformity Product standard DIN EN 61076-2-101 (M12)	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12)	Conformity	
		DIN EN 61076-2-101 (M12)
	Installation Cable	

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: 2024-05-06

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Cable identification

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Jacket Lobol year.W Amount Stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead free, CFC free, halogen-free Outer-diameter (jacket) 7.75 mm Tolerance suiter diameter (sheath) 1.5 % Material jacket TPE Tolerance suiter diameter (sheath) 1.5 % Material insulation PVC Amount wires 5 Outer diameter insulation 1.33 mm Outer diameter learnee core core insulation 1.5 % Ingredient freeness wire insulation lead free, CFC-free Amount strands (wire) 19 Dameter of single wires 18 AWG Conductor crossection (wire) 18 AWG Material conductor wire 600 V Current load capacity risk mer solution 4 kV @ 60 s Power frequency withstard voltage (wire - wire) 4 kV @ 60 s	Jacket Color	velleur
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 103.4 g/m Material jackt TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacka) 7.75 mm Tolerance outer diameter (sheath) 1.6 % Material jackt PVC Amount twies 5 Outer diameter insulation PVC Amount twies 5 Outer diameter insulation 1.93 mm Outer diameter insulation lead-free, CFC-free Amount strands (wire) 13 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Conductor rows Stranded copper wire, bare Nominal voltage AG max. 660 V Current load capacity (strandard) to DIN VDE D298.4 Current load capacity (strandard) to DIN VDE D298.4 Current load capacity (strandard) to DIN VDE D298.4 Current load capacity (min. wire 9 A Electric		yellow
Stranding Swires around Core filler twisted Filler yes wire arangement brown, black, blue, while, green-yellow Cable weight 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7.75 mm Tolerance outer diameter (jacket) 4.5 %. Material wire insulation PVC Amount wires 5 Outer diameter tolerance ore insulation 1.93 mm Outer diameter tolerance ore ore insulation 1.93 mm Outer diameter tolerance ore insulation 1.93 mm Outer diameter of single wires 18 AWG Conductor crossection (wire) 18 AWG Material conductor wire Strarded copper wire, bare Nominal voltage AC max. 500 V Current load capacity (standard) to DIN VDE 0289.4 Current load capacity (min. wire 9 A Electrical resistance line constant wire 22.5 D/km AC withstand voltage (wire - wire) 4 kV @ 60 s Power frequency withstand voltage (wire - grow - diad wire) 4 kV		
Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7.75 mm Tolerance outer diameter (jacket) 7.5 mm Tolerance outer diameter (jacket) 7.5 mm Outer diameter insulation PVC Amount Wires 5 Outer diameter insulation 1.93 mm Outer diameter insulation 1.63 %. Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor wires Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0289-4 Current load capacity (standard) to DIN VDE 0289-4 Current load capacity (standard) 4 KV @ 60 s Power freegrenoy withstand voltage (wire - 4 kV @ 60 s Mix. oparating temperature max. (synamic) 20 °C Operating temperature max. (syna		
wire arrangement brown, black, blue, while, green-yellow Cable weigth 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) 123.4 g/m Material jacket TPE Freedom from ingredients (jacket) 7.75 mm Tolerance outer diameter (jacket) 7.75 mm Tolerance outer diameter (jacket) 9.7 Amount wires 5 Outer diameter insulation PVC Amount strands (wire) 19 Diameter of learnee core insulation 1.93 mm Conductor crossection (wire) 18 AWG Conductor crossection (wire) 10 IN VDE 0294.4 Current load capacity (standed) to DIN VDE 0294.4 Current load capacity (standed) to DIN VDE 0294.4 Current load capacity (standed) to DIN VDE 0294.4 Current load capacity (standed) to S ~ Power frequency withstand voltage (wire -	<u> </u>	
Cable weight 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC free, halogen-free Outer diameter (jacket) 7.75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance ocre insulation 1.93 mm Outer diameter tolerance ocre insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor wires Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacit	· · · · · · · · · · · · · · · · · · ·	
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Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wise insulation PVC Arnount wires 5 Outer diameter insulation 1.93 mm Outer diameter insulation i.93 mm Outer diameter tolerance core insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crossection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22.5 Ω/km AC withstand voltage (wire - wire) 4 kV @ 60 s Min. operating temperature (static) -40 °C Max, operating temperature (static) -20 °C Operating temperature (st	-	-
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Material wire insulation PVC Amount wires 5 Outer diameter insulation 1.93 mm Outer diameter of sinulation 1ead-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 Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 O/km AC withstand voltage (wire - wire) 4 kV @ 60 s Min: operating temperature (static) -40 °C Max. operating temperature (static) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasolin resistance DIN EN 60811-404 Good, application-related testing <	Outer-diameter (jacket)	7,75 mm
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Outer diameter insulation 1,93 mm 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 crossection (wire) 18 AWG Conductor vire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win: wire 9 A Electrical resistance line constant wire 22,5 Ω/km AC withstand voltage (wire - wire) 4 kV @ 60 s Power frequency withstand voltage (wire - 4k V @ 60 s 9 Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) -20 °C Obtemical resistance Glood, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-r	Material wire insulation	PVC
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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 Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 4 kV @ 60 s Power frequency withstand voltage (wire - wire) 4 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -20 °C Operating temperature (static) -20 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Diod, application-related testing Oil resistance DIN EN 6811-404 Good, application-related testing Bending radius (fixed) 10 × Outer diameter Travel speed (C-track) 10 Mio. No. of torsion cycles 3 Mio.	Outer diameter insulation	1,93 mm
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Current load capacity min. wire9 AElectrical resistance line constant wire22,5 Ω/kmAC withstand voltage (wire - wire)4 kV @ 60 sPower frequency withstand voltage (wire - jacket)4 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (ixed)105 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameterTravel speed (C-track)10 Mio.No. of torsion cycles3 Mio.	Nominal voltage AC max.	600 V
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Operating temperature max. (dynamic) 90 °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 (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 10 Mio. No. of torsion cycles 3 Mio.	Max. operating temperature (fixed)	105 °C
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Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 10 Mio. No. of torsion cycles 3 Mio.	chemical resistance	Good, application-related testing
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Travel speed (C-track) 10 Mio. No. of torsion cycles 3 Mio.	Bending radius (fixed)	
Travel speed (C-track) 10 Mio. No. of torsion cycles 3 Mio.	Bending radius (dynamic)	15 x Outer diameter
No. of torsion cycles 3 Mio.	Travel speed (C-track)	10 Mio.
Torsion stress ± 180 °/m		3 Mio.
	Torsion stress	± 180 °/m

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: 2024-05-06

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