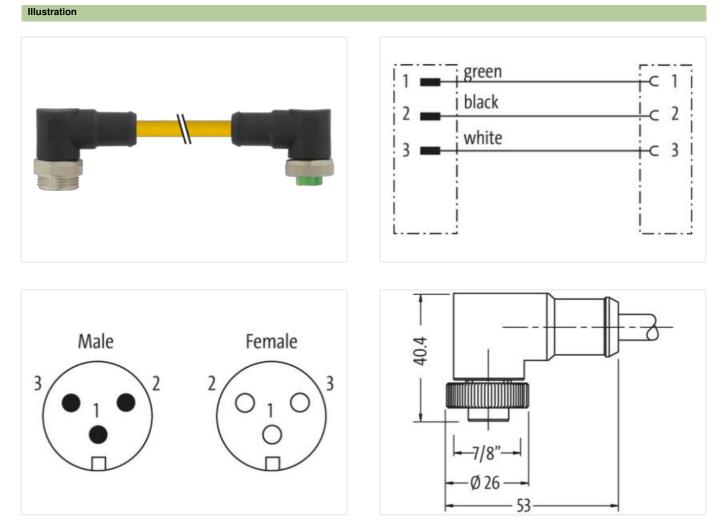


## Mini (7/8) 3 pole, Male (Ext.) 90°/Female 90°

TPE 3x16AWG ye UL/CSA, TC-ER

Male 90° – female 90° 7/8" – 7/8", 3-pole Power cable USA 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.

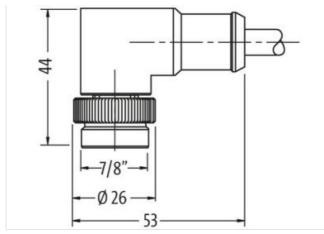
## Link to Product



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Product may differ from Image



Side 1           Tightening torque         1,5 Nm           Family construction form         7/8"           Thread         7/8"           With arcoss flats         SW24           Side 2         Image 1,5 Nm           Tightening torque         1,5 Nm           Thread         7/8"           Commercial data         Image 2           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27060311           ECLASS-7.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ES444290           GTIN         4048879644761           Packaging unit         1           Electrical data  Supply         Image 2           Operating voltage AC max.         600 V </th <th></th> <th></th>		
Tayleaning torque         1.5 Nm           Family construction form         7/8"           Thread         7/8"           Widh across flats         SW24           Side 2	Cable length	5 m
Family construction form         7/8"           Thread         7/8"           Width across flats         SW24           Side 2	Side 1	
Thread         7/8"           Width across flats         SW24           Side 2	Tightening torque	1,5 Nm
Width across flats         SW24           Side 2	Family construction form	7/8"
Side 2           Tightening torque         1,5 Nm           Thread         7/8"           Commercial data            ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           cuatoms tariff number         8544290           GTIN         4048879644761           Packaging unit         1           Eletrical data   Supply            Operating voltage AC max.         600 V           Operating voltage AC max.         600 V           Derice protection   Electrical max.         12 A           Derice protection   Electrical max.         12 A           Derice protection (EN IEC 60529)         IP68           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Screwed	Thread	7/8"
Triphening torque         1.5 Nm           Thread         7/8"           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           STIN         4048879644761           Packaging unit         1           Electrical data   Supply         600 V           Operating voltage AC max.         600 V           Operating voltage DC max.         600 V           Current operating per contact max.         12 A           Degree of protection   Electrical data   Supply         Image: Supple	Width across flats	SW24
Thread         7/8"           Commercial data         7/8"           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879644761           Packaging unit         1           Electrical data   Supply         Cooreating voltage AC max.         600 V           Operating voltage AC max.         600 V         Course of protection   Electrical voltage DC max.         12 A           Device protection   Electrical voltage AC max.         12 A         Device protection   Electrical voltage AC max.         12 A           Description (EN IEC 60529)         IP68         Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Kateled         Kateled         Kateled	Side 2	
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         272700311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879644761           Packaging unit         1           Electrical data   Supply         500 V           Operating voltage AC max.         600 V           Operating voltage DC max.         600 V           Current operating per contact max.         12 A           Degree of protection   Electrical         12 A           Degree of protection (EN IEC 60529)         IP68           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Material data           Coating locking         Nickeled	Tightening torque	1,5 Nm
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         40489644761           Packaging unit         1           Etetrical data   Supply            Operating voltage AC max.         600 V           Operating voltage DC max.         600 V           Current operating per contact max.         12 A           Degree of protection   Electrical            Degree of protection degree         inserted, screwed           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Nickeled	Thread	7/8"
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879644761           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Device protection   Electrical            Degree of protection (EN IEC 60529)         IP68           Additional condition protection degree         inserted, screwed           Mechanical data   Material data            Coating locking         Nickeled	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879644761           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Device protection   Electrical            Degree of protection degree         inserted, screwed           Mechanical data   Material data            Mechanical data   Material data            Coating locking         Nickeled	ECLASS-6.0	27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879644761           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         600 V           Operating voltage DC max.         600 V           Current operating per contact max.         12 A           Degree of protection   Electrical            Degree of protection degree         inserted, screwed           Additional condition protection degree         inserted, screwed           Mechanical data   Material data            Coating locking         Nickeled	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.1         27060327           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879644761           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         600 V           Operating voltage DC max.         600 V           Current operating per contact max.         12 A           Degree of protection   Electrical            Additional condition protection degree         inserted, screwed           Mechanical data   Material data            Coating locking         Nickeled	ECLASS-8.0	27279218
ECLASS-11.127060311ECLASS-12.027060327ETIM-5.0EC001855customs tariff number85444290GTIN4048879644761Packaging unit1Electrical data   SupplyOperating voltage AC max.600 VOperating voltage DC max.600 VCurrent operating per contact max.12 ADegree of protection   ElectricalDegree of protection (EN IEC 60529)IP68Additional condition protection degreeinserted, screwedCoating lockingNickeled	ECLASS-9.0	27060311
ECLASS-12.027060327ETIM-5.0EC001855customs tariff number85444290GTIN4048879644761Packaging unit1Electrical data   SupplyOperating voltage AC max.600 VOperating voltage DC max.600 VCurrent operating per contact max.12 ADegree of protection   ElectricalDegree of protection (EN IEC 60529)IP68Additional condition protection degreeinserted, screwedCoating lockingNickeled	ECLASS-10.1	27060311
ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879644761       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     600 V       Operating voltage DC max.     600 V       Current operating per contact max.     12 A       Degree of protection   Electrical     IP68       Additional condition protection degree     inserted, screwed       Mechanical data   Material data     Vickeled	ECLASS-11.1	27060311
Customs tariff number     85444290       GTIN     4048879644761       Packaging unit     1       Electrical data   Supply     00 V       Operating voltage AC max.     600 V       Operating voltage DC max.     600 V       Current operating per contact max.     12 A       Degree of protection   Electrical     IP68       Additional condition protection degree     inserted, screwed       Mechanical data   Material data     Nickeled	ECLASS-12.0	27060327
GTIN4048879644761Packaging unit1Electrical data   SupplyOperating voltage AC max.600 VOperating voltage DC max.600 VCurrent operating per contact max.12 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP68Additional condition protection degreeinserted, screwedMechanical data   Material dataCoating lockingNickeled	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       600 V         Operating voltage AC max.       600 V         Operating voltage DC max.       600 V         Current operating per contact max.       12 A         Device protection   Electrical       IP68         Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Nickeled	customs tariff number	85444290
Electrical data   Supply         Operating voltage AC max.       600 V         Operating voltage DC max.       600 V         Current operating per contact max.       12 A         Device protection   Electrical       12 A         Degree of protection (EN IEC 60529)       IP68         Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Nickeled	GTIN	4048879644761
Operating voltage AC max.       600 V         Operating voltage DC max.       600 V         Current operating per contact max.       12 A         Device protection   Electrical       12 A         Degree of protection (EN IEC 60529)       IP68         Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Nickeled	Packaging unit	1
Operating voltage DC max.       600 V         Current operating per contact max.       12 A         Device protection   Electrical       Electrical         Degree of protection (EN IEC 60529)       IP68         Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Nickeled	Electrical data   Supply	
Current operating per contact max.       12 A         Device protection   Electrical       IP68         Degree of protection degree       inserted, screwed         Mechanical data   Material data       INickeled	Operating voltage AC max.	600 V
Device protection   Electrical         Degree of protection (EN IEC 60529)       IP68         Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Nickeled	Operating voltage DC max.	600 V
Degree of protection (EN IEC 60529)     IP68       Additional condition protection degree     inserted, screwed       Mechanical data   Material data     Vickeled	Current operating per contact max.	12 A
Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Inserted, screwed         Coating locking       Nickeled	Device protection   Electrical	
Mechanical data   Material data         Coating locking       Nickeled	Degree of protection (EN IEC 60529)	IP68
Coating locking Nickeled	Additional condition protection degree	inserted, screwed
	Mechanical data   Material data	
Material housing PUR	Coating locking	Nickeled
	Material housing	PUR

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Locking material	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	0° 08
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.
Installation   Cable	
Cable identification	U1B
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires with 3 Filler twisted
Banding	Nylon film 25% overlap 100% coverage
Filler	yes
wire arrangement	black, green, white
Cable weigth	115,5 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	8,38 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	2,62 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	65
Diameter of single wires	34 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	600 V
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Current load capacity min. wire	10 A
Electrical resistance line constant wire	13,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	6 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	6 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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)	8 x Outer diameter
Bending radius (dynamic) Travel speed (C-track)	10 x Outer diameter       2 Mio.

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