

7/8" male 0° / 7/8" female 0°

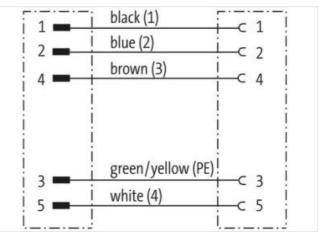
PUR 5x1.5 gy UL/CSA+drag ch. 20m

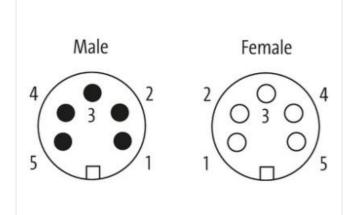
Male straight – female straight 7/8" – 7/8", 5-pole Power cable Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

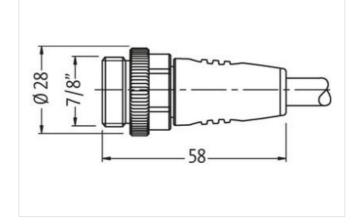
Link to Product

Illustration





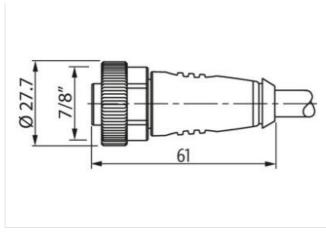




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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Product may differ from Image



Cable length	20 m
Side 1	
Tightening torque	1,5 Nm
Thread	7/8"
Side 2	
Tightening torque	1,5 Nm
Thread	7/8"
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879138505
Packaging unit	1
Electrical data Supply	
Current operating per contact max.	12 A
Current phase - neutral	230 V
Current phase - phase	400 V
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Rated surge voltage	3 kV
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climati	c

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Operating temperature max. 85 °C Additional condition temperature maye Operating temperature max. Destination [Cable] Cable forge Cable Type 3 Printing color of wire involution PB1 Cable Tope 3 Printing color of wire involution Uses Amount stranding 1 Stranding 5 Wires amount Filter twelved Filter yee Wire amangement grass, yound Filter twelved Reading cycles (C-track) S Mio. @ 25 °C Cable weigh 128 & gin Material jacket PUR Store hardness global S 5 Store A Freadom tom ingredies (gackat) 4 5 % S Cade weigh 5 Store A Freadom tom ingredies (gackat) 4 5 % S Cade weigh weigh weigh 5 Store A Freadom tom ingredies (gackat) 5 % S Additional store insulation 1 5 % Store hardness weigh mutation 1 5 % Amount wires 5 Store D Ingredient fonones wire involution 1 5 % <t< th=""><th>Operating temperature min.</th><th>-25 °C</th></t<>	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality Installation (Cable Cable (institution) 961 Cable (Fype) 3 Priming color of wine insulation black (white isolation blue), white (isolation blue), white (isolation blue)) Additional (Cable) gray Priming color of wine insulation black (white isolation blue), white (isolation blue), white (isolation blue), white (isolation blue) Additional (Cable) gray Prescience Gray Type of Certificate cuPus Second Prescience Gray Filer yes yes Yes Gray (Cable Wes) Second Prescience Cable weight 128,8 g/m Material (Second Prescience) Gray (Cable Wes) Gray (Cable Wes) Cable weight 128,8 g/m Material (Second Prescience) Gray (Cable Wes) Gray (Cable Wes) Cable distribution 90 1 5 Store A Freedom free Gray (Cable Wes) Gray (Cable Wes) Cable distribution 9 2 5 Store A Freedom Free (Cable Wes) Gray (Cable Wes) Gray (Cable Wes) Gray (Cable Wes) Freedom Free (Cable Wes) Freedom Free (Cable Wes) Freedom Free (Cable Wes)		
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Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) B4 Diameter of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor ropssection (wire) 1,5 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13.3 Ω/km @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power 10 kV @ 60 s Min. operating temperature (in, (ryamic)		
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Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win. wire 13,3 CM:m @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 10 kV @ 60 s AC withstand voltage power (wire - wire) 10 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) -20 °C @ 10000 h Operation <td>Shore hardness wire insulation</td> <td>60 ± 5 Shore D</td>	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 10 kV @ 60 s Min. opprating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (static) -50 °C Operating temperature (static) -50 °C Gasoline resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DiN KO 8011-404 Good, application-related testing Oil resist	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to NV Power frequency withstand voltage power (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Conductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire13,5 AElectrical resistance line constant wire13,3 0/km @ 20 °CNominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)10 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (static)-50 °COperating temperature (static)-50 °COperating temperature (static)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 × Outer diameterBending radius (fixed)10 × Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Amount strands (wire)	84
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - jacket) 10 kV @ 60 s AC withstand voltage power (wire - wire) 10 kV @ 60 s Max. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature Good, application-related testing Gaodine resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Good, app	Diameter of single wires	0,15 mm
Conductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire13,5 AElectrical resistance line constant wire13,3 Ω/km @ 20 °CNominal voltage power AC max.1000 VPower frequency withstand voltage power10 kV @ 60 sAC withstand voltage power (wire - wire)10 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (static)-50 °CMax. operating temperature (static)-25 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationPlane resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Conductor crosssection (wire)	1,5 mm²
Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - jacket) 10 kV @ 60 s AC withstand voltage power (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - jacket) 10 kV @ 60 s AC withstand voltage power (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Conductor type (wire)	strand class 6
Current load capacity min. wire13,5 AElectrical resistance line constant wire13,3 Ω/km @ 20 °CNominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)10 kV @ 60 sAC withstand voltage power (wire - wire)10 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Traversing distance (C-track)	5 m @ 25 °C
Electrical resistance line constant wire 13,3 Ω/km @ 20 °C Nominal voltage power AC max. 1000 V Power frequency withstand voltage power 10 kV @ 60 s AC withstand voltage power (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)10 kV @ 60 sAC withstand voltage power (wire - wire)10 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Current load capacity min. wire	13,5 A
Power frequency withstand voltage power (wire - jacket)10 kV @ 60 sAC withstand voltage power (wire - wire)10 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
(wire - jacket)10 kV @ 60 sAC withstand voltage power (wire - wire)10 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Nominal voltage power AC max.	1000 V
Min. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistance10 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		10 kV @ 60 s
Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	AC withstand voltage power (wire - wire)	10 kV @ 60 s
Operating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Min. operating temperature (static)	-50 °C
Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		80 °C / 90 °C @ 10000 h Operation
Flame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Operating temperature min. (dynamic)	-25 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	chemical resistance	Good, application-related testing
Bending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Gasoline resistance	
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	7,5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	2 Mio.
Torsion stress ± 180 °/m	Torsion speed	35 cycles/min
	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: 2024-04-27

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