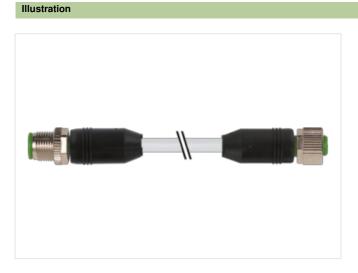


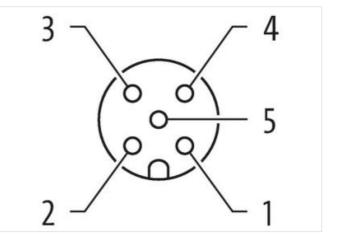
M12 male 0° / M12 female 0°

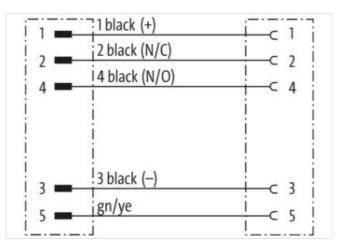
PUR 5x0.75 gy UL/CSA+drag ch. 20m

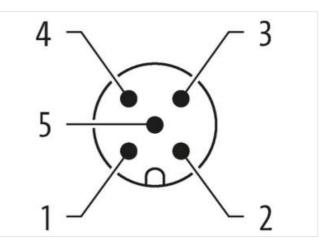
Male straight – female straight M12 – M12, 5-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





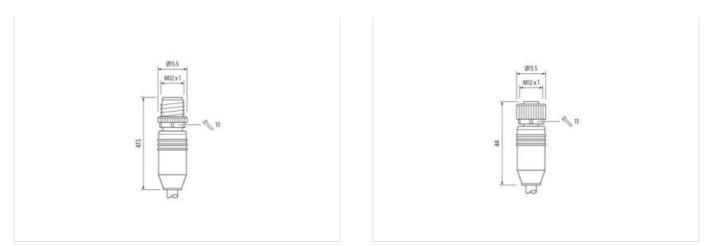




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-20

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Product may differ from Image



Cable length	20 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
No. of poles	5
Commercial data	
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	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879591706
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V

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Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional conditions temperature range depending on cable quality Conformity Environmental Characteristics Climatic Product standard DIN EN 61076.2·101 (M12) Installation Cable Cable denvironmental characteristics Climatic Cable distribution 238 Cable Type 3 Printing calor of wire insulation white (isolation black) Locking Climatia CURus Annount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green -yellow, black 4 No. of bending cycles (C+track) 10 Mino. @ 25 °C Cable weigh 91.4 g/m Material Jokket 90.4 5 Shore A Freedom from ingredientis (jacket)	Current operating per contact max.	4 A
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Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation 7.5 Shore D Ingredient freeness wire insulation white (solation black) Amount wires 0.15 mm Conduct or dwire insulation white (solation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor type (wire)	Cable Type	3
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Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 2 ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation kite (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wires 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, ba	Amount stranding	1
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Cable weigth81,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance ocre insulation1,85 mmOuter diameter tolerance ocre insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareTorductor (C-track)10 m @ 25 °C horizontal	wire arrangement	black 1, black 2, black 3, green-yellow, black 4
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationrot ± 5 %Shore hardness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor rosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor wireStranded copper wire, bareTraversing distance (C-track)10 m @ 25 °C horizontal	No. of bending cycles (C-track)	10 Mio. @ 25 °C
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor rosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Cable weigth	81,4 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Material jacket	PUR
Outer-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationkead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal		
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Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Amount wires	
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal		
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Printing color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Shore hardness wire insulation	
Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal	Ingredient freeness wire insulation	
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Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal		
Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal		·
Traversing distance (C-track) 10 m @ 25 °C horizontal	Material conductor wire	
	Conductor type (wire)	
Current load capacity (standard) to DIN VDE 0298-4	Traversing distance (C-track)	
	Current load capacity (standard)	to DIN VDE 0298-4

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: 2024-04-20

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Current load capacity min. wire	8,4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °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 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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