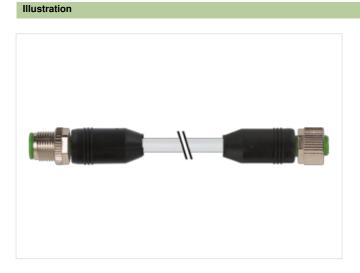


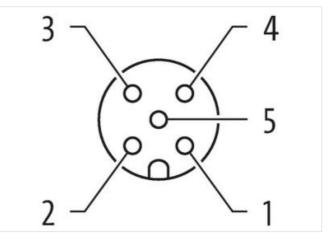
M12 male 0° / M12 female 0°

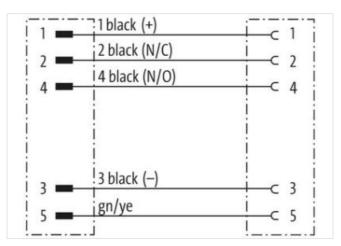
PUR 5x0.75 gy UL/CSA+drag ch. 15m

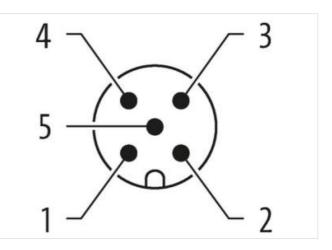
Male straight – female straight M12 – M12, 5-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



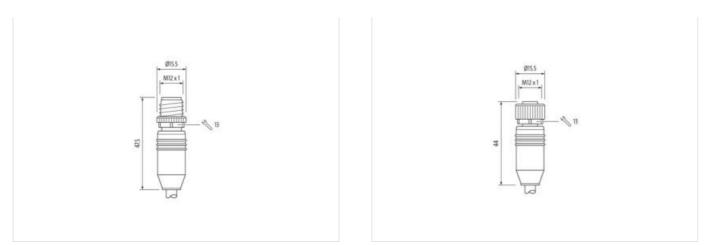






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Product may differ from Image



Cable length	15 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	4048879591591
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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Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	
Material group (IEC 60664-1)	
Mechanical data   Material data	
Coating locking	Nickeled
Material housing	PUR
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.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	238
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	gray
Type of Certificate	cURus
rype of Certificate	CORUS
Amount stranding	1
Amount stranding	1
Amount stranding Stranding	1 5 wires around Core filler twisted
Amount stranding Stranding Filler	1 5 wires around Core filler twisted yes
Amount stranding Stranding Filler wire arrangement	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   white (isolation black)   42
Amount stranding   Stranding   Stranding   Filler   wire arrangement   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation   Outer diameter tolerance core insulation   Shore hardness wire insulation   Printing color of wire insulation   Printing color of wire insulation   Amount strands (wire)   Diameter of single wires	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   white (isolation black)   42   0,15 mm
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   white (isolation black)   42   0,15 mm   0,75 mm²
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Outer diameter tolerance core insulation Shore hardness wire insulation Printing color of wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   white (isolation black)   42   0,15 mm   0,75 mm²   Stranded copper wire, bare
Amount stranding   Stranding   Filler   wire arrangement   No. of bending cycles (C-track)   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation   Shore hardness wire insulation   Printing color of wire insulation   Printing color of wire insulation   Amount strands (wire)   Diameter of single wires   Conductor crosssection (wire)   Material conductor wire   Conductor type (wire)	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   white (isolation black)   42   0,15 mm   0,75 mm²   Stranded copper wire, bare   strand class 6
Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Outer diameter tolerance core insulation Shore hardness wire insulation Printing color of wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	1   5 wires around Core filler twisted   yes   black 1, black 2, black 3, green-yellow, black 4   10 Mio. @ 25 °C   81,4 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   7 mm   ± 5 %   PP   5   1,85 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   white (isolation black)   42   0,15 mm   0,75 mm²   Stranded copper wire, bare

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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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