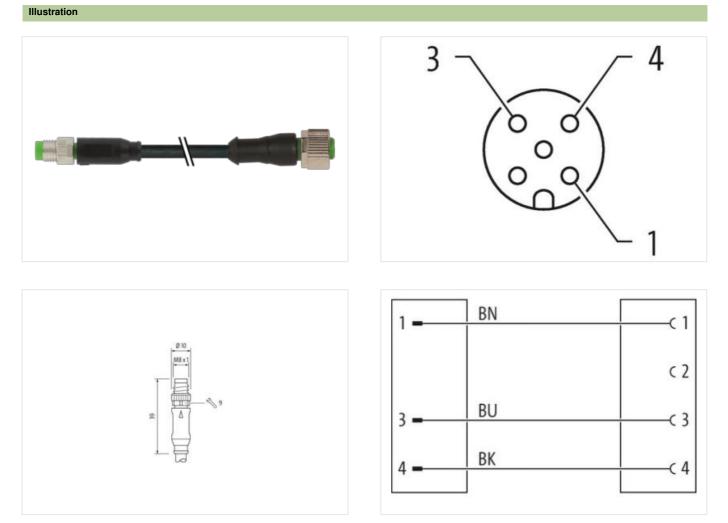


## M8 male 0° / M12 female 0° A-cod.

PVC 3x0.25 bk UL/CSA 3m

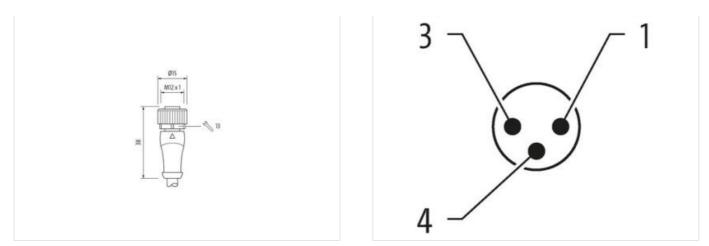
Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



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Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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

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customs tariff number85444290GTIN4048879124065Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VDevice protection   Electrical30 VDegree of protection   ElectricalElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 6064-1)1Mechanical data   Material data
Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)1
Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)I
Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)I
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Operating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)I
Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Device protection   Electrical      Degree of protection (EN IEC 60529)   IP65, IP67, IP68, IP66K     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I
Current operating per contact max.   4 A     Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67, IP68, IP66K     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I
Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67, IP68, IP66K     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I
Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I
Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I
Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I
Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I
Material group (IEC 60664-1)
Coating locking Nickeled
Material gasket FKM
Material housing PUR
Locking material Zinc die-casting
Mechanical data   Mounting data
Mounting method inserted, screwed, Shaking protection
Environmental characteristics   Climatic
Operating temperature min25 °C
Operating temperature max. 85 °C
Additional condition temperature range depending on cable quality
Conformity
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation   Cable
Cable identification 610
Cable Type 1
Jacket Color black
Type of Certificate cURus
Amount stranding 1
Stranding 3 wires twisted
wire arrangement brown, black, blue
Cable weigth 29,37 g/m
Material jacket PVC
Shore hardness jacket 85 ± 5 Shore A
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket) 4,5 mm
Tolerance outer diameter (sheath)± 5 %
Material wire insulation PVC
Amount wires 3
Outer diameter insulation 1,25 mm
Outer diameter tolerance core insulation ± 5 %
Shore hardness wire insulation 45 ± 5 Shore D
Material properties wire insulation good machinability
Material properties wire insulation good machinability   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free   Amount strands (wire) 14

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Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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

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