

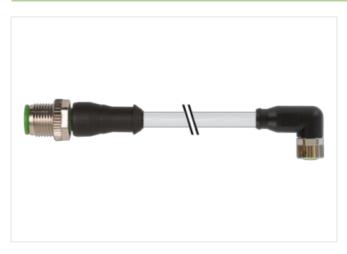
M12 male 0° / M8 female 90° A-cod.

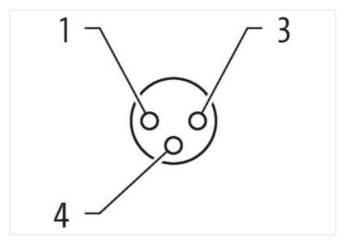
PVC 3x0.25 gy UL/CSA 15m

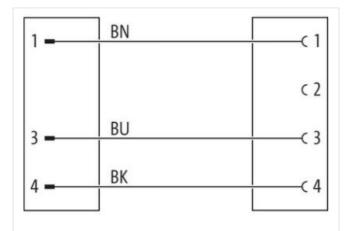
Male straight – female 90° M12 – M8, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

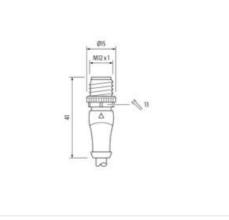
Link to Product





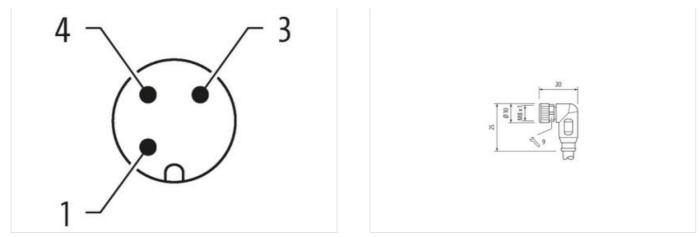






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





Product may differ from Image



Cable length	15 m
Side 1	
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 \emptyset)	10 mm
Coding	Α
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
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 \emptyset)	6,5 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311

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: 2024-05-19



ETIM-5.0EC001855customs tariff number85444290GTIN4048879518079Packaging unit1Electrical data SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating housingCopper alloyCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMaterial screw connectionSinc die-castingMaterial screw connectionZinc die-castingMaterial screw connectionZinc die-castingMaterial screw connectionZinc die-castingMaterial characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quaImportant installation notes	
GTIN4048879518079Packaging unit1Electrical data SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating housingCopper alloyCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMounting methodinserted, screwed, ShalEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quadratic	
Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min.	
Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shate Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quage <	
Operating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating housingCopper alloyCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMaterial screw connectionZinc die-castingMounting methodinserted, screwed, ShaleEnvironmental characteristics ClimaticOperating temperature max.85 °CAdditional condition temperature rangedepending on cable quarter	
Operating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating housingCopper alloyCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMounting methodinserted, screwed, ShallEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quarter	
Operating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 VCurrent operating per contact max.4 ADevice protection ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating housingCopper alloyCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMounting methodinserted, screwed, ShallEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quarter	
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarterial	
Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shall Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quarterial	
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Inserted, screwed, Shalt Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarterial	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarterial	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Copper alloy Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature max. 0perating temperature max. 85 °C Additional condition temperature range depending on cable quarterial	
Material group (IEC 60664-1) I Mechanical data Material data Coating housing Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quarter	
Mechanical data Material data Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Coating housing Copper alloy Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quarter	
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quadrate	
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quadrate	
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quadrate	
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shate Mounting method inserted, screwed, Shate Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shale Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Mechanical data Mounting data Mounting method inserted, screwed, Shale Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Mounting methodinserted, screwed, ShatEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quart	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quarter	king protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quarter	
Additional condition temperature range depending on cable qua	
Important installation notes	lity
important instantation notes	
•	by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	permissible bending radii when laying cables, as the IP protection class can be
Conformity	
	/12), DIN EN 61076-2-114 (M8)
Installation Cable	
wire arrangement brown, black, blue Cable identification 210	
Cable identification 210 Cable Type 1	
Jacket Color gray 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	
Outer-diameter (jacket) 4,5 mm	e, CFC-free, silicone-free
Tolerance outer diameter (sheath) ± 5 %	e, CFC-free, silicone-free
Material wire insulation PVC	e, CFC-free, silicone-free

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: 2024-05-19



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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
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
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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: 2024-05-19