

M12 male 90° / M12 female 90° A-cod.

PVC 5x0.34 bk 2m

Male 90° – female 90° M12 – M12, 5-pole with cable sleeves

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

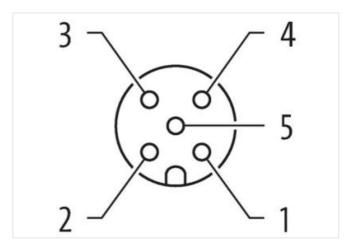
The resistance to aggressive media should be individually tested for your application. Further details on request.

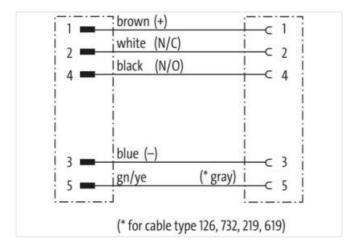
Further cable lengths on request.

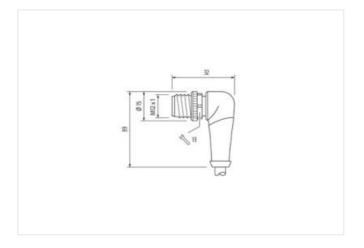
Link to Product

Illustration



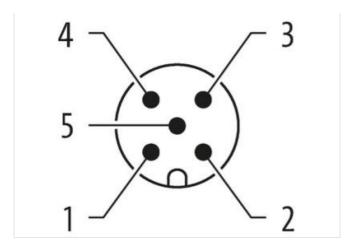


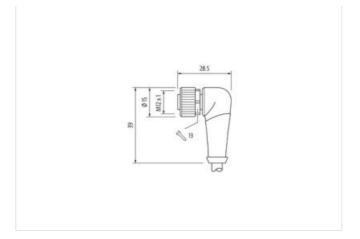






stay connected





Product may differ from Image











Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	



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Raded suppositions of the content of	Additional condition protection degree	inserted, screwed
Metherial group (IEC 60664-1) Mochanical data Malerial atta Mochanical data Malerial atta Coating of litting nickeled Coating of litting nickeled Coating of litting nickeled Zinc de-casting Mochanical data Mounting data Mounting method inserted, Screwed, Shaking protection Environmental characteristics Climate Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature map depending on cable quality Important installation notes Note on tearin relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable tees. Note on bending radius Attentions: Observe the permissable bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cabbe Lacket Color Black Amount stranding 1 S wises around Core filter wested Filter yes wito arrangement brown, black, blue, white, gray Castle weigh Species Filter yes Wito arrangement brown, black, blue, white, gray Castle weigh Species Filter yes Wito arrangement glacket PVC Tolerance our demanter (packet) Sp. 3m m Tolerance our demanter (packet) Sp. 3m m Material picket Shore A Freedom from ingredients (jacket) Lead five, cadmium free, CFC-free Outer-diameter (related) Sp. 5m m Material properties were insulation pool of machinability Ingredient Feeness wire insulation pool of machinability Ingredient Geness wire insulation pool of machinability Ingredient Feeness wire insulation pool of machinability Ingredient Feeness wire insulation pool of machinability Ingredient Geness wire insulation pool of machinability Ingredient Geness wire insulation pool of machinability	Pollution Degree	3
Mochanical data Material data Material data Coating picking Nickeled Coating of diting Cickel pland Cickel pland	Rated surge voltage	1,5 kV
Coating looking Nickeled Coating of fitting nickel plated (Inciding material	Material group (IEC 60664-1)	1
Coating of fifting nickel plated Locking material Locking material Locking material Locking material Amounting method Locking material Mounting data Mounting method Locking data	Mechanical data Material data	
Locking material Zinc dis-casting Material sorew connection Zinc dis-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 86 °C Additional condition temperature max. 87 °C More on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending ratil when laying cables, as the IP protection class can be endangered by excessive bending forces. Contormity Product standard Din En 61076-2-101 (M12) Installation Cable Cable identification 729 Jacket Color Jacket C	Coating locking	Nickeled
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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 Important Installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN En 81076-2-101 (M12) Installation Cable Cable identification 729 Jackel Color black Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weight 95,51 gm Material jacket PVC Shore hardness jacket Freedom from ingredients (jacket) 15,9 mm Tolerance outer diameter (shealtr) 5,9 mm Tolerance outer diameter (shealtr) 5,9 mm Outer diameter (iscket) 5,9 mm Outer diameter insulation 1,5 mm Outer diameter insulation 45 ± 5 % Shore hardness were insulation 1,5 mm Outer diameter insulation 1,5 mm Outer diameter insulation 1,5 mm Outer diameter (shealtr) 1,5 mm Outer diameter	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on banding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Gable Cable identification 729 Jacket Color Black Annount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weight 59,51 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material vire insulation PVC Annount wires 5 Shore hardness wire insulation 1,5 mm Outer diameter observe insulation 1,5 mm Outer diameter	Mechanical data Mounting data	
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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 729 Abacked Color black Amount stranding 1 Sivanding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weight 59.51 g/m Alterial jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation poor anachinability ingredients review wire insulation poor anachinability ingredient freeness wire insulation poor anachinability ingredient free	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Product standard DIN EN 61076-2-101 (M12) Cable identification 729 Jacket Color black Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wrive arrangement brown, black, blue, white, gray Cable weigh 59.51 g/m Material jacket PVC Shore hardness jacket PVC Shore hardness jacket PVC Shore hardness jacket PVC Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sebath) ± 5 % Lours diameter insulation 1,5 mm Outer diameter (sebath) ± 5 % Diameter of signeting viers insulation	Operating temperature min.	-25 °C
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Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 729 Jacket Color black Amount stranding 1 Stranding 5 wers around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weight 59.51 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 1.9 mm Tolerance outer diameter (jacket) 5.9 mm Tolerance outer diameter (jacket) 5.9 mm Tolerance outer diameter (jacket) 1.5 mm Outer diameter insulation 45 ± 5 Shore D Material properties wire insulation 1.5 mm	Additional condition temperature range	depending on cable quality
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Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation Ingredient freeness wire insulation Ingredient freenes wire insulation Ingredient freeness wire insulation Ingredient freeness wire insulation Ingredient fr	Outer diameter insulation	1,5 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² 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 57 Ω/km @ 20 °C	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² 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 57 \(\Omega / \text{km @ 20 °C} \)	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire) Diameter of single wires O,15 mm Conductor crosssection (wire) O,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Material properties wire insulation	good machinability
Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² 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 57 Ω/km @ 20 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,34 mm² 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 57 Ω/km @ 20 °C	Amount strands (wire)	19
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 57 \(\Omega/\text{km}\) @ 20 °C	Diameter of single wires	0,15 mm
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 57 \(\Omega / \text{km @ 20 °C} \)	Conductor crosssection (wire)	0,34 mm²
Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Conductor type (wire)	Strand class 5
Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 57 Ω/km @ 20 °C	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	4,5 A
AC withstand voltage (wire - wire) 2 kV @ 60 s	Electrical resistance line constant wire	57 Ω/km @ 20 °C
	AC withstand voltage (wire - wire)	2 kV @ 60 s



stay connected

Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Commercial data	
customs tariff number	85444290
Packaging unit	1