

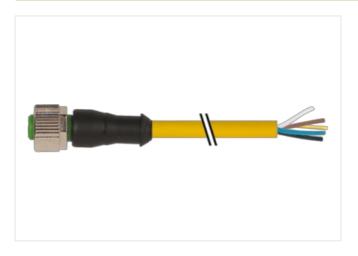
M12 female 0° A-cod. with cable

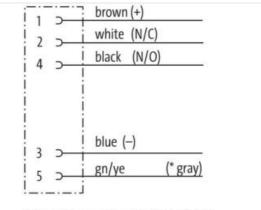
PUR 5x0.34 ye UL/CSA+drag ch. 1m

Female straight M12, 5-pole A-coded 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.

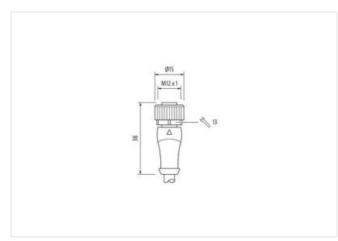
Link to Product

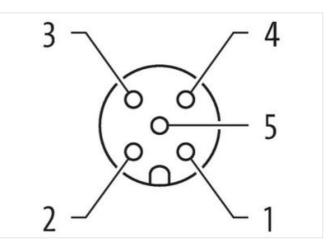






(* for cable type 126, 732, 219, 619, 729)





Product may differ from Image

1 m	
0,6 Nm	
inserted, screwed	
gold plated	
M12	
M12 x 1	
	0,6 Nm inserted, screwed gold plated M12

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: 2024-04-24

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suitable for corrugated tube (internal $Ø$)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	2 hunt
	07070010
ECLASS-6.0 ECLASS-6.1	27279218 27279218
ECLASS-0.1 ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-10.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879341318
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
Diagnostics	
	20
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
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	
Coating of fitting	nickel plated
Material gasket	FKM
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
· ·	-25 ℃
Operating temperature min. Operating temperature max.	-25 °C 85 °C
Additional condition temperature range	depending on cable quality
	uppending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)

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Cable Type 3 Jacket Color yellow Type of Certificate cURus Annount stranding 1 Stranding 5 wire around Core filler tweed Filler yes No. of bending syckes (C+track) 10 Mule. Ø 55: G Cable weigh 41,8 g/m Material Jocket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from Ingredents (ackot) 10 Mule. Ø 5: G Cable weigh 41,8 g/m Material Jocket 90 ± 5 Shore A Freedom from Ingredents (ackot) 10 and free, cadmium free, CFC-free, halogen free, silicone free Outer diameter (insulation 125 mm Outer diameter (insulation 125 mm Outer diameter insulation 125 mm Outer diameter insulation 125 % Shore hardness were insulation 125 % Shore hardness were insulation 125 % Cater dimeter insulation 125 % Cater dimeter insulation 125 % Shore hardness were insulation 125 % Freedom freeoncore insulation	Cable identification	035
Jacket Clark yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mo. @ 25 °C Cable weigh 41,8, g/m Material packet PUR Strone hardness jacket 90 15 Shore A Freedom from myredients (jacket) lead-tree, cadmium-free, CFC-tree, halogen-free, silicone-free Outer diameter (giacket) 4.8 mm Tolerance outer diameter (shuellon) 1.5 % Material weir instalation 1.25 rm Cuter diameter instalation 1.25 mm Cuter diameter instalation 1.25 % Store hardness wei instalation 1.25 % Cuter diameter instalation 1.25 % Cuter diameter instalation 1.25 %	Cable Type	3
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of banding cycles (C-track) 10 Mio. @ 25 °C Cable weigh 41,8 g/m Material jacket PUR Shore hardness jacket 80 ± 5 Shore A Freedom from ingredients (jacket) lead-hee, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.8 mm Tolerance undre diameter (sheath) 1.5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 7.0 ± 5 Shore D Ingredient freeness wire insulation 7.0 ± 5 Shore D Ingredient freeness wire insulation 7.0 ± 5 Shore D Ingredient freeness wire insulation 7.0 ± 5 Shore D Conductor type (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare		yellow
Stranding 5 wires around Core tiller twisted Filler yes wire arangement brown, black, blue, while, green-yellow No. ot bending cycles (C-track) 10 Mio. @ 25 °C Cable weight 41.8 g/m Material jacket PUR Shore hardness jacket 90.4 5 Shore A Freedom from ingredents (jacket) 4.8 mm Tolerance outer diameter (jacket) 4.8 mm Tolerance outer diameter (jacket) 4.8 mm Outer diameter (jacket) 4.8 mm Tolerance outer diameter (jacket) 4.8 mm Outer diameter (jacket) 1.25 Smo Outer diameter insulation PP Amount wrises 5 Outer diameter insulation 70.5 Shore D Ingredient freeness wire insulation 70.5 Shore D Ingredient freeness wire insulation 6.34 mm ² Material oronitotor wire 0.34 mm ² Material oronitotor wire 0.34 mm ² Material oronitotor wire 5.7 Okm @ 20 °C Normato Stander 9.7 Okm @ 20 °C Nondiator wire 5.7 Okm @ 20 °C	Type of Certificate	cURus
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Filter yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weight 41.8 g/m Material jacket 90.1 5 Shore A Shore hardness jacket 90.1 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.8 mm Tolarance outer diameter (sicket) 1.5 % Material wire insulation PP Amount wires 5 Outer diameter (sicket) 1.5 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Conductor ressection (wire) 0.34 mm ² Conductor review in sulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter diagnes wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 0.34 mm ² Conductor type (wire) stranded copper wire, bare	Stranding	5 wires around Core filler twisted
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Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (steket) 5 % Material wire insulation PP Amount wires 5 Outer diameter (insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 fore D Shore hardness wire insulation 70 ± 5 Shore D Amount stands (wire) 42 Diameter of single wires 0,1 mm Conductor trops (wire) 0,34 mm² Material conductor wire Strand class 6 Taversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0284-4 Current load capacity (standard) to DIN VDE 0284-4 Current load capacity (standard) to DIN VDE 0284-4 Nominal voltage power (xer urw) 2,5 kV @ 60 s Nominal voltage power (wire virw) 2,5 kV @ 60 s Nominal voltage power (xer urw) 2,5 kV @ 60 s Min.	Cable weigth	41,8 g/m
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Tolerance outer diameter (sheath) \pm 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation70 ± 5 Shore DIngredent freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)stranded copper vire, bareConductor type (wire)stranded	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter folderance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead/rec, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor cosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C (horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity withstand voltage power (wire - wire) 2,5 kV @ 60 s Ac withstand voltage power (wire - wire) 2,5 kV @ 60 s Monial voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Ac withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature	Outer-diameter (jacket)	4,8 mm
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Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor vire Stranded copper wire, bare Conductor vire Strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current toad capacity (standard) to DIN VDE 0298-4 Curent toad capacity (standard) to DIN VDE	Amount wires	5
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Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 2.5 kV @ 60 s Nominal voltage power (wire - wire) 2.5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation	Shore hardness wire insulation	70 ± 5 Shore D
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Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 57 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 (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DIN EN 60811-4044 Good, application-related testing Gil resistance DIN EN 60811-4044 Good, application-related testing Bending radius	Amount strands (wire)	
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Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 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 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 (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (if.exd) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing		·
Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Ω/km @ 20 °CNomial voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature min. (dynamic)-25 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationGasoline resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	. ,	
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Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	2 Mio.
Torsion stress ± 180 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 180 °/m

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: 2024-04-24

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