

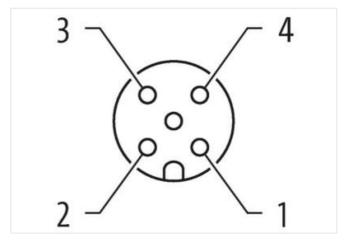
M12 male 0° / M12 female 0°

PUR 4x0.34 bk UL/CSA+drag chain 5m

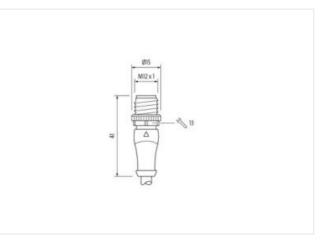
Customized printing and packaging Male straight – female straight M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



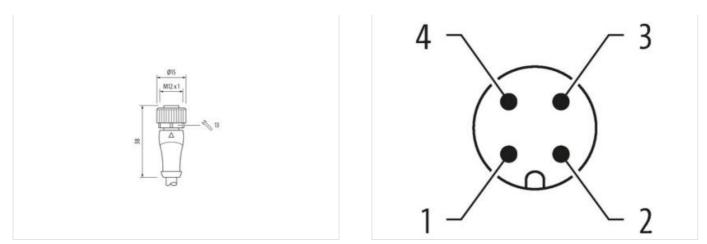






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Product may differ from Image



Cable length5 mSice 1Tightening torque0.6 NmMounting methodinserted, screwedCoaling contactoold platedFamily construction formM12TinradM12 x 1suitable for corrugated tube (internal Ø)10 mMaterial contactCopper alloyNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60629)1966k, IP67Site 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12TinradM12 XTightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12 XTinradM12 XTinradM12 XConstruction formM12 XCoating contactCopper alloyNo. of poles27279218ECLASS-0.027279218ECLASS-0.027279218ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-10.127060311ETLMS.0EC001885custast flintmber8544290GTN404807980600Packajing unit10		
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Couldinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmMaterial contactCopper alloyNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP66, IP67Side ZTTightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1Material contactCopper alloyNo. of poles4Commercial dataM12 x 1Material contactCopper alloyNo. of poles4ContactCopper alloyNo. of poles4CotactCopper alloyNo. of poles4CotactCopper alloyNo. of poles4Cotact27279218ECLASS-6.027279218ECLASS-10.127060311ECLASS-10.127060311ECLASS-12.027060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number8544290GTIN4048878836630	Side 1	
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Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Material contact Copper alloy No. of poles 4 Coating contact gold plated Family construction form M12 Thread M12 x 1 Material contact Copper alloy No. of poles 4 Commercial data 27279218 ECLASS-7.0 27279218 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	Mounting method	inserted, screwed
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Material contact Copper alloy No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 × 1 Material contact Copper alloy No. of poles 4 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO011855 customs tariff number 8	Thread	M12 x 1
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Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 IP65, IP66K, IP67 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Material contact Copper alloy No. of poles 4 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260311 ECLASS-8.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 4048878836630	Material contact	Copper alloy
Degree of protection (EN IEC 60529) IP66, IP66 Side 2 Iightening torque 0,6 Nm Mounting method inserted, screwed Iinserted, screwed Coating contact gold plated Iinserted, screwed Coating contact gold plated Iinserted, screwed Thread M12 Iinserted, screwed Material contact Copper alloy Iinserted, screwed No. of poles 4 Iinserted, screwed Commercial data Copper alloy Iinserted, screwed ECLASS-6.0 27279218 Iinserted, screwed ECLASS-7.0 27279218 Iinserted, screwed ECLASS-8.0 27279218 Iinserted, screwed ECLASS-9.0 27060311 Iinserted, screwed ECLASS-10.1 27060311 Iinserted, screwed ECLASS-11.1 27060311 Iinserted, screwed Ecuass-12.0 27060311 Iinserted, screwed Countact Sti44290 Iinserted, screwed GTIN 4048879836630 Iinserted, screwed	No. of poles	4
Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Material contact Copper alloy No. of poles 4 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 ECLASS-12.0 27060311 ETIM-5.0 E001485 customs tariff number 85444290 GTIN 4048879836630	Width across flats	SW13
Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1Material contactCopper alloyNo. of poles4Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879836630	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Material contact Copper alloy No. of poles 4 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879836630	Side 2	
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Family construction form M12 Thread M12 x 1 Material contact Copper alloy No. of poles 4 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC011855 customs tariff number 85444290 GTIN 4048879836630	Mounting method	inserted, screwed
Thread M12 x 1 Material contact Copper alloy No. of poles 4 Commercial data ECLASS-6.0 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 4048879836630	Coating contact	gold plated
Material contact Copper alloy No. of poles 4 Commercial data 27279218 ECLASS-6.0 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 4048879836630	Family construction form	M12
No. of poles 4 Commercial data E ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879836630	Thread	M12 x 1
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 4048879836630	Material contact	Copper alloy
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ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879836630	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879836630	ECLASS-12.0	27060311
GTIN 4048879836630	ETIM-5.0	EC001855
	customs tariff number	85444290
Packaging unit 10	GTIN	4048879836630
	Packaging unit	10

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Electrical data | Supply

Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Dperating voltage AC (UL-listed)	30 V
Dperating voltage DC (UL-listed)	30 V
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	2,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Naterial housing	PUR
ocking material	Zinc die-casting
Mechanical data Mounting data	
Nounting method	inserted, screwed
Environmental characteristics Climatic	
	-25 °C
Operating temperature min. Dperating temperature max.	-25 °C 85 °C
Idditional condition temperature range	depending on cable quality
	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 61076-2-101 (M12)
Installation Cable	
vire arrangement	brown, black, blue, white
Cable identification	634
· · · · -	
Cable Type	3
	3 black
lacket Color	
acket Color ype of Certificate	black
acket Color ype of Certificate mount stranding	black cURus
acket Color ype of Certificate mount stranding tranding	black cURus 1
acket Color ype of Certificate mount stranding stranding vire arrangement	black cURus 1 4 wires twisted
acket Color ype of Certificate mount stranding tranding vire arrangement cable weigth	black cURus 1 4 wires twisted brown, black, blue, white
acket Color ype of Certificate mount stranding stranding vire arrangement Cable weigth Material jacket	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m
acket Color ype of Certificate mount stranding tranding vire arrangement Cable weigth Material jacket Shore hardness jacket	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR
acket Color ype of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
acket Color ype of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket)	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm
acket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath)	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,5 mm ± 5 %
lacket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,5 mm ± 5 % PP
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm ± 5 % PP 4
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm ± 5 % PP 4 1,25 mm
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires	black cURus 1 4 wires twisted brown, black, blue, white 36,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm ± 5 % PP 4

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Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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