

stay connected

M12 female 0° A-cod. with cable

PUR 12x0.14 bk UL/CSA+drag ch. 15m

Female straight

M12, 12-pole

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

with cable sleeves

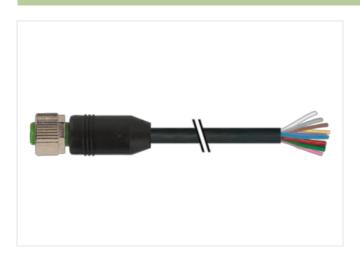
Plastic housings with good resistance against chemicals and oils.

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

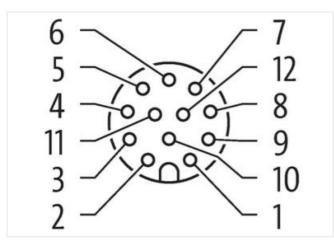
Further cable lengths on request.

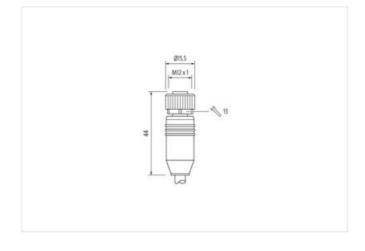
Link to Product

Illustration



BN	
BU	
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Product may differ from Image











Cable length

15 m

Side 1

Tightening torque

0,6 Nm

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



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Ambitation	Mounting method	inserted, screwed
Material PUR Width across fats SW13 PRS, IPRSK,	Family construction form	M12
Width across flats SW13 Degree of protection (EN IEC 80280) IPBS, IPBSR, IPBSR Commercial data Commercial data CLASS-6.0 2779218 CLASS-7.0 2779218 CLASS-8.0 2779218 CLASS-8.0 2779218 CLASS-9.0 27060311 CLASS-9.1 27060311 CLASS-10.1 27060311 CLASS-11.0 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-17.0 EC001855 CLASS-17.0<	Coding	A
Degree of protection (EN IEC 60529)	Material	PUR
CLASS 6.0 2779218	Width across flats	SW13
CLASS-6.0 2779218	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
CLASS 6.1 27279218 CLASS 7.0 2779218 CLASS 8.7.0 2779218 CLASS 8.0 2779218 CLASS 8.0 2779218 CLASS 8.0 27790311 CLASS 9.0 27060311 CLASS 9.0 2706031 CLASS 9.0 2706031 CLASS 9.0 2706031 CLASS 9.0 2706031 CLA	Commercial data	
CLASS 7.0 27279218	ECLASS-6.0	27279218
ECLASS-8.0 27279218 CLASS-10.1 27060311 CLASS-11.1 27060311 CLASS-11.1 27060311 CLASS-11.1 27060311 CLASS-12.0 27060311 CLASC-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASC-12.0 2706031 CLASC-12.0 2706031 CLASC-12.0 27060311 CLASC-12.0 27060311 CLASC-12.0	ECLASS-6.1	27279218
CLASS 9.0 27080311	ECLASS-7.0	27279218
CLASS-10.1 27060311 27060311 CLASS-11.1 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0	ECLASS-8.0	27279218
CLASS-11.1 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0 27060311 CLASS-12.0	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 SUBJECTION 5.0 EC001855 STIN 4048879189071 **Reckaging unit 1 Electrical data Supply Diperating voltage AC max. 30 V Operating voltage BC (UL-listed) 30 V Diperating voltage BC (UL-listed) 30 V Di	ECLASS-10.1	27060311
ETIM-5.0 EC001855 usistoms sariff number 85444290 3T1N 4048879199071 Packaging unit 1 Electrical data Suppty Deperating voltage AC max. 30 V Deperating voltage DC (UL-listed) 30 V Deperating voltage DC (UL-listed) 30 V Deperating voltage DC (UL-listed) 30 V Device protection Supplementation Supplementarion Supplementa	ECLASS-11.1	27060311
austoms tariff number 85444290 3TIN 4048879189071 **Packaging unit 1 **Electrical data Supply **Deparating voltage AC max. 30 V **Deparating voltage AC (UL-listed) 30 V **Deparating portage AC (UL-listed) 30 V **Deparating voltage AC (UL-listed) 40 V **Mounting set Max 2 V **Material group (IEC 6064-1) I **Mechanical data Material data AC (UL-listed) 40 V **Material group (IEC 6064-1) I **Mechanical data Material data AC (UL-listed) 40 V **Material group (IEC 6064-1) I **Mechanical data Material data AC (UL-listed) 40 V **Mechanical data Mounting data AC (UL-listed) 40 V *	ECLASS-12.0	27060311
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Packaging unit I Electrical data Supply Operating voltage AC max. 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 40 V Operating per contact max. 1,5 A Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Operating to fitting voltage	customs tariff number	85444290
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Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

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Cable Identification 705 Jacket Color black Jacket Color black Amount stranding 1 Stranding 3 wires wristed Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted Banding Fleece will a strangement gray-pink, vollet, med-blue, (strown, red., gray, black, yellow, pink, green, white, blue) Cabbe weight 45.1 g/m Material jacket PUR Shore handness jacket 92 ± 5 Shore A Freedown from ingediates (gaket) 6 mm Tolerance outer distancer (gaket) 6 mm Tolerance outer distancer (strath) ± 5 % Material wrive insulation 1 mm Outer distancer insulation 1 mm Outer distancer insulation 1 mm Impredient freshess wire insulation 7 ± 3 Shore D Impredient freshess wire insulation 7 ± 3 Shore D Impredient freshess wire insulation 1 mm Conductor type (wire) 1 mm Conductor type (wire) 0 1 mm	Installation Cable	
Jacket Color		705
Type of Certificate CURus		
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Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted		
Banding Fleece Write arrangement gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue)	<u> </u>	
wire arrangement gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue) Cable weight 45,1 g/m Material jacket PUR Shore hardness jacket 92 ± 5 Shore A Freedom from ingredients (gacket) lead-free, cadmium-free, CPC-free, halogen-free, silicone-free Cubre-diameter (jacket) ± 5 % Material viro insulation PP Material viro insulation PP Amount wires 12 Cuter diameter insulation 1 mm Culter diameter insulation 1 mm Culter diameter tolerance core insulation 2 ± 5 % Shore hardness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 1 mm Conductor orassection (wire) 18 Diameter of single wires 0,1 mm Conductor orassection (wire) 0,14 mm² Material conductor wire S Canductor type (wire) strand class 6 Traversing distance (0-track) 5 m @ 25 °C Nomman Vallage AC max. 300 ∨ Current load capacity (standard) to DIN VDE 0298-4 Current Load capacity (standard) to DIN VDE 0298-4 Current Load capacity (wire - wire) 1,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 2.5 °C Operating temperature (static) 85 °C Operating temperature (static) 85 °C Operating temperature (static) 85 °C Operating temperature min. (dynamic) 95 °C Operating temperature min. (dyn		
Cable weigth 45,1 g/m Material jacket PUR Affore hardness jacket 92 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 6 mm Toferance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Cuter diameter rolerance core insulation ± 5 % Shore hardness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 18 Diameter of single wires 0,1 mm Conductor of single wires 0,1 mm Diameter of single wires 0,1 mm Conductor type (wire) 5tranded copper wire, bare Traversing distance (Chrack) 5 m @ 25 °C Nominal voltage AC max. 300 V Current load capacity (relameder) 10 IN VDE 0298-4 Electrical resistance line constant wire 13 RV @ 60 s AC withstand voltage (wire - wire) 1,5 kV @ 60 s Power frequency withstand voltage (wire - wire)		gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue)
Material jacket PUR Shore hardness jacket 92 ± 5 Shore A Freedom from ingredients (jacket) 6 mm Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Shore hardness wire insulation 1 mm Outer diameter tolerance core insulation 7 ± 2 3 Shore D Ingredient freeness wire insulation 18 Ingredient freeness wire insulation 1,1 mm Conductor (respective free) 0,1 mm Conductor (respective free) 0,1 mm Conductor (respective free) 5 mm Conductor (respective free) 5 mm Traversing distance (C-track) 5 mm @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 029	<u> </u>	
Shore hardness jacket 92 ± 5 Shore A		
Freedom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter louerance core insulation 1 mm Outer diameter beforeance core insulation 72 ± 3 Shore D Shore hardness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation 18 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.14 mm² Material conductor wire 5 m@ 25 °C Conductor type (wire) strand class 6 Traversing distance (C+rack) 5 m@ 25 °C Nominal voltage AC max. 300 Y Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 138 Qkm @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 1,5 kV @ 60 s Min. operating temperature (fixed) 35 °C Op		92 ± 5 Shore A
Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter rolerance core insulation 1 mm Outer diameter tolerance core insulation 2 5 % Shore hardness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor rosssection (wire) 0,14 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 138 D/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 1,5 kV @ 60 s Min. operating temperature (fixed) 95 °C Operati	<u> </u>	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Shore hardness wire insulation 72 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 1,5 kV @ 60 s AC withstand voltage (wire - wire) 1,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 85 °C Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -25 °C Ur resistance DIN EN ISO 4892-2 A Flame resistance DIN EN ISO 4892-2 LUL 1581 § 1090 Cohemical resistance Good, appli		
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Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 138 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 85 °C UV resistance DIN EN ISO 4892-2 A 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 Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m		300 V
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Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) A0 °C Max. operating temperature (fixed) 85 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 85 °C UV resistance DIN EN ISO 4892-2 A 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 Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles ± 180 °/m	Electrical resistance line constant wire	138 Ω/km @ 20 °C
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Operating temperature max. (dynamic) UV resistance DIN EN ISO 4892-2 A 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 Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles ± 180 °/m	Max. operating temperature (fixed)	85 °C
UV resistance DIN EN ISO 4892-2 A 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 Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Operating temperature min. (dynamic)	-25 °C
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Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	chemical resistance	Good, application-related testing
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Oil resistance	
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (fixed)	
Travel speed (C-track) 2 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Travel speed (C-track)	2 Mio. @ 25 °C
Torsion stress ± 180 °/m	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min