

M12 male 0° A-cod. with cable Lite

PUR 4x0.34 bk UL/CSA+drag ch. 1.5m

Male straight

M12, 4-pole

7005 - plastic hexagonal screw (M12 Lite)

with cable sleeves

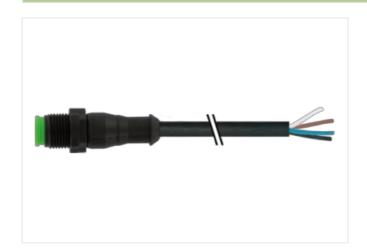
Plastic housings with good resistance against chemicals and oils.

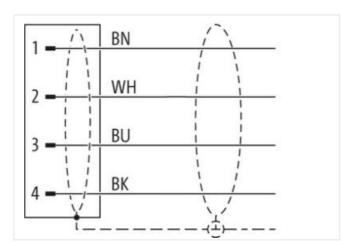
The resistance to aggressive media should be individually tested for your application. Further details on request.

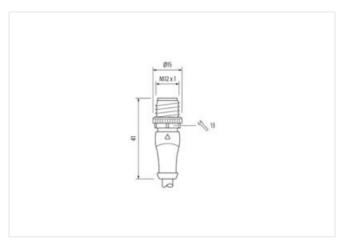
Further cable lengths on request.

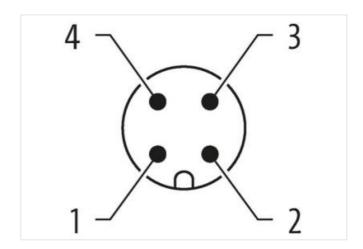
Link to Product

Illustration









Product may differ from Image





1,5 m Cable length

Side 1

0,6 Nm Tightening torque

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: 2024-05-01



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Coating contact	Mounting method	inserted, screwed
Family construction form M12 M12 x 1	Coating contact	gold plated
Thread		
Coding		M12 x 1
Coding	suitable for corrugated tube (internal Ø)	10 mm
No. of poles		A
No. of poles	Material contact	Copper alloy
Degree of protection (EN IEC 60529) IP65, IP66K, IP67	No. of poles	
Stripping length (jacket) 20 mm	Width across flats	SW13
Commercial data	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	Side 2	
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404879110433 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 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 Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Locking material PA Mechanical data Munting data	Stripping length (jacket)	20 mm
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 2706031 ECLASS-12.0 2	Commercial data	
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ECLASS-8.0 2729218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 404879110433 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Deprating voltage DC (UL-listed) 30 V Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60684-1) I Mechanical data Material data Locking material PA Mechanical data Material data Locking material PA Mechanical data Mounting data	ECLASS-6.1	27279218
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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 4048879110433 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Locking material PA	ECLASS-8.0	27279218
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Packaging unit Electrical data Supply	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Locking material PA Mechanical data Mounting data	GTIN	4048879110433
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Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Locking material PA Mechanical data Mounting data	Operating voltage DC max.	250 V
Current operating per contact max. Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Locking material PA Mechanical data Mounting data	Operating voltage AC (UL-listed)	30 V
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Status indication LED no Installation Connection Stripping length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Locking material PA Mechanical data Mounting data	Current operating per contact max.	4 A
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Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Locking material PA Mechanical data Mounting data	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) Mechanical data Material data Locking material PA Mechanical data Mounting data	Pollution Degree	3
Mechanical data Material data Locking material PA Mechanical data Mounting data	Rated surge voltage	2,5 kV
Locking material PA Mechanical data Mounting data	Material group (IEC 60664-1)	I
Mechanical data Mounting data	Mechanical data Material data	
	Locking material	PA
	Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	Environmental characteristics Climatic	
Operating temperature min25 °C	Operating temperature min.	
Operating temperature max. 80 °C	Operating temperature max.	80 °C
Additional condition temperature range depending on cable quality	Additional condition temperature range	depending on cable quality
Important installation notes	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 strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces.

Translated DINE N 61076-2-101 (M12) Installation Cable		endangered by excessive bending forces.
Installation Cable Zable Information 634	Conformity	
Sable Identification S44	Product standard	DIN EN 61076-2-101 (M12)
Sable Type 3 salekt Color black Veg or Cartificate CURs Amount stranding 1 Stranding 4 vires bytested Vire arrangement brown, black, blue, white Sable weight 36,3 g/m daterial jacket PUR Store hardness jacket 90,4 5 Shore A Force hardness (jacket) 40,5 mm Outer dameter (jacket) 4,5 mm Outer dameter (jacket) 4,5 mm Outer dameter (jacket) 4,5 mm Outer dameter (jacket) 2,5 % Malderal wire insulation PP Vincer dameter (jacket) 4,5 mm Vincer dameter (jacket) 2,5 % Vincer dameter (jacket) 2,5 % Vincer dameter (jacket) 4,5 mm Vincer dameter (jacket) 2,5 %	Installation Cable	
Sable Type 3 salekt Color black Veg or Cartificate CURs Amount stranding 1 Stranding 4 vires bytested Vire arrangement brown, black, blue, white Sable weight 36,3 g/m daterial jacket PUR Store hardness jacket 90,4 5 Shore A Force hardness (jacket) 40,5 mm Outer dameter (jacket) 4,5 mm Outer dameter (jacket) 4,5 mm Outer dameter (jacket) 4,5 mm Outer dameter (jacket) 2,5 % Malderal wire insulation PP Vincer dameter (jacket) 4,5 mm Vincer dameter (jacket) 2,5 % Vincer dameter (jacket) 2,5 % Vincer dameter (jacket) 4,5 mm Vincer dameter (jacket) 2,5 %	Cable identification	634
Section Disack Vigor of Conflicate		
Common		
Awrites twisted wire arrangement brown, black, blue, white batter weight 36,3 g/m bladerial jacket PUR brown, black, blue, white batter weight 36,3 g/m bladerial jacket PUR brown black, blue, white bladerial jacket PUR brown black, blue, white bladerial jacket PUR brown brown ingredients (jacket) 190 ± 5 Shore A purpose of the purpose		
Stranding 4 wires twisted 1 wires arrangement 1 brown, black, blue, white 3,3 ym		
brown, black, blue, white 3a6, 3 g/m 3a		
Date weight 36,3 g/m Asterial jacket PUR Asterial jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free, sillicone-free Duter-claimater (jacket) 4,5 mm Olderance outer d'amater (sheath) ± 5 % Material wire insulation PP Uniformation of the properties		
Material jacket		
Shore hardness jacket 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free silicone-free		
International Processing International Proce		
Duter-diameter (jacket) 4,5 mm Folerance outer diameter (sheath) ± 5 % Altered wire insulation PP Amount wires 4 Duter diameter insulation 1,25 mm Uiter diameter insulation 1,25 mm 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 Jainater of single wires 0,1 mm Conductor transsection (wire) 0,34 mm² Adaterial conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Vorminal voltage AC max. 300 V Current load capacity (standard) to IN VDE 0298-4 Vurrent load capacity (standard) to IN VDE 0298-4 Varietisand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Operating temperature (max) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C	-	
Foliarance outer diameter (sheath) ± 5 % Atterfail wire insulation PP Atterfail wire insulation 1,25 mm Duter diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 10 ± 5 % Shore hardness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Whount strands (wire) 42 Diameter of single wires 0,1 mm Olameter of single wires 0,1 mm Oraductor or wire Stranded copper wire, bare Stranded copper wire, bare Description of the provision of the		
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Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Impredient 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 type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Surrent 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 Vower frequency withstand voltage (wire - wire) 2.5 kV @ 60 s Addin. operating temperature (static) -40 °C Max. operating temperature (ixed) 80 °C / 90 °C@ 10000 h Operation Diverating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C@ 10000 h Operation DV resistance DIN EN ISO 4892-2 A		
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Alterial conductor wire Stranded copper wire, bare Scrawford (chrack) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal strand voltage AC max. 300 V Fourier I load capacity (standard) to DIN VDE 0298-4 Fourier I load capacity min. wire 4,8 A Electrical resistance line constant wire 57 D/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Fower frequency withstand voltage (wire - acket) 40 °C Adv. (withstand voltage (wire - wire) 2,5 kV @ 60 s Fower frequency withstand voltage (wire - acket) 40 °C Adv. (parating temperature (static) 40 °C Adv. (parating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Deparating temperature min. (dynamic) -25 °C Deparating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Div resistance DIN EN ISO 4892-2 A Filame resistance Ut 1581 § 1090 IEC 60332-2-2 Ut 1581 § 1100 FT2 Chemical resistance Good, application-related testing Sacoline resistance Good, application-related testing Filamical resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 10 Mio. @ 25 °C No. of torsion cycles (C-track) 10 Mio. @ 25 °C No. of torsion cycles (C-track) 35 cycles/min		`
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Dil 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 No. of torsion cycles 2 Mio. Forsion speed 35 cycles/min	chemical resistance	Good, application-related testing
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Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	Good, application-related testing DIN EN 60811-404
No. of bending cycles (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
Forsion speed 35 cycles/min	No. of bending cycles (C-track)	10 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Forsion stress ± 180 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 180 °/m