

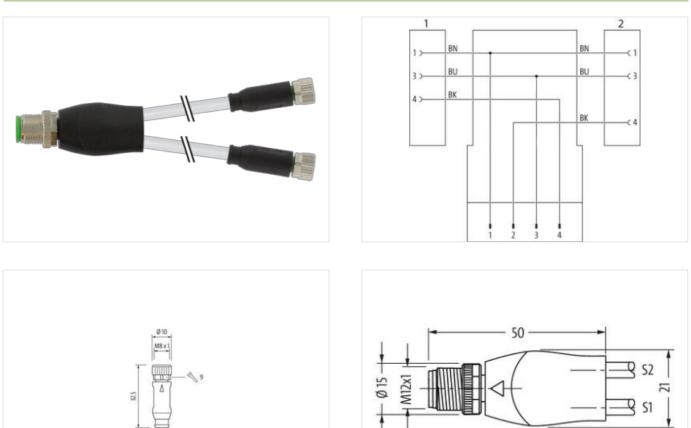
Y-Distributor M12 male / M8 female 0° A-cod.

PUR 3x0.34 ye UL/CSA+drag ch. 0.3m

Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 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.

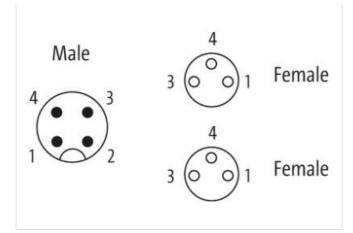
Link to Product





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





Product may differ from Image



Cable length	0,3 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
suitable for corrugated tube (internal Ø)	6,5 mm	
Coding	Α	
Material contact	Copper alloy	
No. of poles	4	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP67	
Side 2		
Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M8	
Thread	M8 x 1	
Coding	A	
Material contact	Copper alloy	
No. of poles	3	
Width across flats	SW9	
Degree of protection (EN IEC 60529)	IP67	
Side 3		
Mounting method	inserted, screwed	
Family construction form	M8	
Coding	A	
No. of poles	3	
Commercial data		
ECLASS-6.0	27279218	
ECLASS-7.0	27279218	

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



ECLASS-9.0 27060311 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313 ETIM-S.0 EC001855 customs tariff number 85444290 GTIN 4048879495462 Packaging unit 1 Etectrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics E Status indication LED no Device protection Electrical Additional condition protection degree Additional condition protection degree 1.5 kV Material group (IEC 606661-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Material pasket FKM Material pasket FKM Material pasket FKM Material powerinal
ECLASS-11.1 27060313 ECLASS-12.0 27060313 ETIM-5.0 EC001855 oustoms tarlif number 85444290 GTIN 4048879495462 Packaging unit 1 Etercical data Supply Control of the second of
ECLASS-12.0 27060313 ETM-5.0 EC001855 customs tariff number 85442800 GTIN 4048879495462 Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 60 V Operating voltage AC max. 60 V Current operating per contact max. 4 A Diagnostics 0 Status indication LED no Device protection Electrical Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Material gasket FKM Material gasket FKM Material protection Electrical Zno ele-casting Material gasket FKM Material gasket FKM Material gasket FKM Mounting method inserted, screwed, Shaking p
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879495462 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 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 1,5 kV Material gasket FKM Material gasket FKM Material gasket FKM Material gasket FKM Material gasket Gei-casting Mechanical data Mounting data Uncel-casting Mounting method inserted, screwed, Shaking protection Encording temperature min. -25 °C Operating temperature max. 85 °C
customs tariff number 8544290 GTIN 4048879495462 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Coperating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Polution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Material gasket FKM Material pousing PUR Locking material Zirc die-casting Mechanical data Munting data inserted, screwed, Shaking protection Material pousing PUR Locking material inserted, screwed, Shaking protection Environmental characteristics Climatic Ger coasting Operating temperature min. -25 °C Operating temperature max. 85 °C
GTIN 4048879495462 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 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 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Material gasket FKM Material gasket FKM Material pounting 2Inc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating locking Operating temperature min. -25 °C Operating temperature max. 85 °C
Packaging unit 1 Electrical data Supply 0 Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics 0 Status indication LED no Deve protection Electrical 0 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Vechanical data Material data Veckaled Coating locking Nickeled Material gasket FKM Material space Zinc die-casting Mechanical data Mounting data Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating locking Operating temperature min. -25 °C Operating temperature max. 85 °C
Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 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 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Kickeled Coating locking Nickeled Material pasket FKM Material agasket Indie-casting Mechanical data Mounting data Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating temperature min. Operating temperature min. -25 °C Operating temperature max. 85 °C
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature max. 85 °C
Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Device protection Electrical Additional condition protection degree 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 locking Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Coating temperature min. -25 °C Operating temperature max. Operating temperature max. 85 °C
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 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data V Coating locking Nickeled Material gasket FKM Material asket PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Diagnostics Status indication LED no Device protection Electrical
Status indication LED no 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 I Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Co Operating temperature min. -25 °C Operating temperature max. 85 °C
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Image: Screwed Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Image: Screwed Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
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 I Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature max. 85 °C
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature max. 85 °C
Mechanical data Material dataCoating lockingNickeledMaterial gasketFKMMaterial housingPURLocking materialZinc die-castingMechanical data Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics Climatic-25 °COperating temperature min25 °COperating temperature max.85 °C
Coating lockingNickeledMaterial gasketFKMMaterial housingPURLocking materialZinc die-castingMechanical data Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics Climatic-25 °COperating temperature min25 °COperating temperature max.85 °C
Material gasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C
Operating temperature min. -25 °C Operating temperature max. 85 °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. 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.
Conformity
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable
Cable identification 233
Cable Type 3
Jacket Color gray Type of Certificate cURus
Amount stranding 1
Stranding 3 wires twisted
wire arrangement brown, black, blue Cable weigth 29,7 g/m
Cable weight 29,7 gill Material jacket PUR
Material Jacket POR Shore hardness jacket 90 ± 5 Shore A
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %

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



Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 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
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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