

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

PVC 4x0.25 bk UL/CSA 1m

Y connector Male straight – females straight M8 – M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

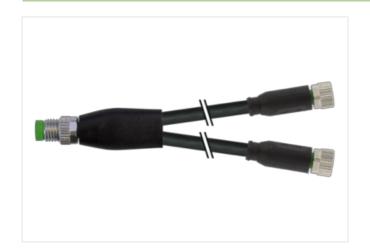
Plastic housings with good resistance against chemicals and oils.

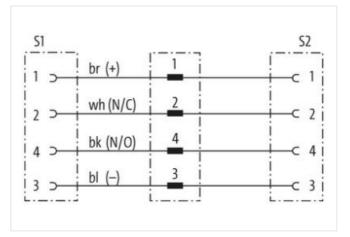
The resistance to aggressive media should be individually tested for your application. Further details on request.

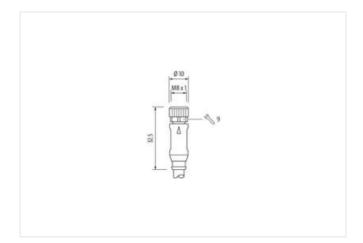
Further cable lengths on request.

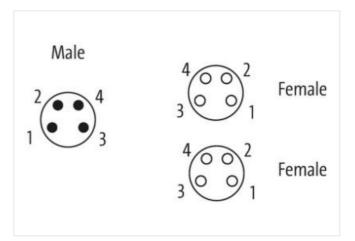
Link to Product

Illustration

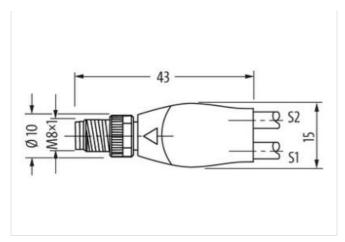












Product may differ from Image



Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Family construction form M8 No. of poles 4 Commercial date 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313<	Cable length	1 m
Mounting method inserted, screwed Coating contact gold pated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Inserted, screwed Side 3 Inserted, screwed Family construction form M8 No. of poles 4 Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Side 1	
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Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-1.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313	Mounting method	inserted, screwed
Thread M6 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M5 x 1 No. of poles 4 Side 3 Wounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.6 ECLASS-6.6 27279218 ECLASS-7.0 27279218 ECLASS-8.0 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313	Coating contact	gold plated
suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313	Family construction form	M8
Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060313 ECLASS-9.0 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313	Thread	M8 x 1
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Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Material contact	Copper alloy
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Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 No. of poles 4 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Width across flats	SW9
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No. of poles 4 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Family construction form	M8
Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Thread	M8 x 1
Mounting method inserted, screwed Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	No. of poles	4
Family construction form M8 No. of poles 4 Commercial data ECLASS-6.0 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Side 3	
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Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	Family construction form	M8
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	No. of poles	4
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ECLASS-8.0 27279218 ECLASS-9.0 27060313 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313	ECLASS-6.1	27279218
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ECLASS-12.0 27060313	ECLASS-10.1	27060313
	ECLASS-11.1	27060313
ETIM-5.0 EC001855	ECLASS-12.0	27060313
	ETIM-5.0	EC001855



stay connected

customs tariff number	85444290
GTIN	4048879694391
Packaging unit	1
Electrical data Supply	
	50 V
Operating voltage AC max. Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	
Operating voltage AC (UL-listed)	30 V 30 V
Current operating per contact max.	4 A
	44
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
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 nut	nickel plated
Locking screw coating	nickel plated
Material gasket	FKM
Material housing	PUR
Locking nut material	Zinc die-casting
Locking material screw	Brass
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Mounting method Environmental characteristics Climatic	inserted, screwed, Shaking protection
-	inserted, screwed, Shaking protection -25 °C
Environmental characteristics Climatic	
Environmental characteristics Climatic Operating temperature min.	-25 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max.	-25 °C 85 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	-25 °C 85 °C depending on cable quality
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-25 °C 85 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief	-25 °C 85 °C depending on cable quality 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
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces.
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Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8)
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Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black CURus
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	-25 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	-25 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	-25 °C 85 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	-25 °C depending on cable quality 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 endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free



Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter