

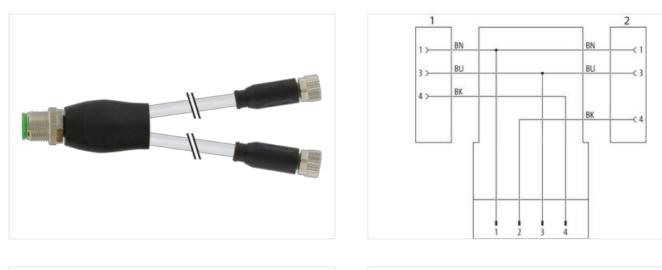
Y-Distributor M12 male / M8 female 0° A-cod.

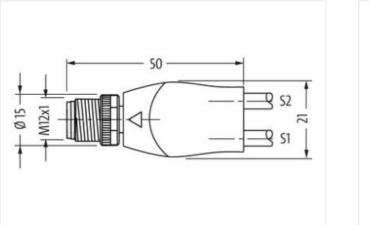
PVC 3x0.25 gy UL/CSA 15m

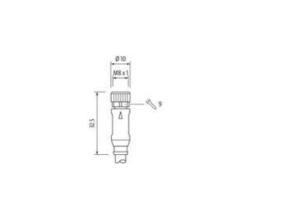
Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration

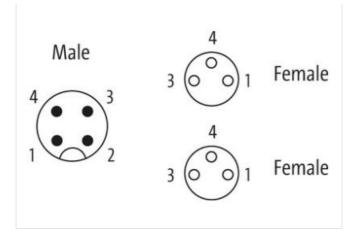






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-02





Product may differ from Image



Cable length 15 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) 10 mm Coding A Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 × 1 Suitable for corrugated tube (internal Ø) 6.5 mm Coding A Material PUR No. of poles 3 Vidth across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SW9		
Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCooper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torqueCoding ontactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6, 5 mmCodingAMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadMB x 1suitable for corrugated tube (internal Ø)6, 5 mmCodingAMaterial contactCopper alloyMaterial contactSW9Degree of protection (EN IEC 60529)IP66K, IP67Side 3<	0	15 m
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Tightening torque 0.4 Nm 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 Coding A Material contact Cooper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67	1	
Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material contact Copper alloy Material contact Copper alloy No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque O.4 Nm Mounting method family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Coating contact Gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Side 3 SW9 Mounting method inserted, screwed Family construction form M8	ning torque	0,6 Nm
Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torqueOuting methodinserted, screwedCoating construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCoating construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterialPURNo. of poles3Suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP66K, IP67Side 3MaterialMuting methodinserted, screwedFamily construction formM8	ng method i	inserted, screwed
ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,4 NmMounting methodinserted, screwedCodingASuitable for corrugated tube (internal Ø)6,5 mmCodingAMaterialPURNo. of polesAWidth across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 1Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodMounting methodinserted, screwedFamily construction formM8	g contact	gold plated
suitable for corrugated tube (internal Ø) 10 mm Coding A Material contact Copper alloy Material contact PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 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 Coding A Material contact Copper alloy Material contact Copper alloy Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Mutharross flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Muthing method inserted, screwed Family construction form M8	construction form	M12
CodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67	1	M12 x 1
Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,4 Nm 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 Coding A Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67	e for corrugated tube (internal Ø)	10 mm
MaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Coating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67]	A
No. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodMounting methodinserted, screwedFamily construction formM8	al contact (Copper alloy
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Image: Control of the second of the sec	al I	PUR
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,4 Nm 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 Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Mounting method Mounting method inserted, screwed	poles	4
Side 2 Tightening torque 0,4 Nm 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 Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Mounting method Mounting method inserted, screwed Family construction form M8	across flats	SW13
Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8	e of protection (EN IEC 60529)	IP65, IP66K, IP67
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 Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Mounting method inserted, screwed Family construction form M8	2	
Coating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8	ning torque	0,4 Nm
Family construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8	ng method i	inserted, screwed
ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8	g contact	gold plated
suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Mounting method Material, screwed Material	construction form	M8
CodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8	i I	M8 x 1
Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Summer Competency Mounting method inserted, screwed Family construction form M8	e for corrugated tube (internal Ø)	6,5 mm
Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Mounting method Family construction form M8]	A
No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 IP65, IP66K, IP67 Mounting method inserted, screwed Family construction form M8	al contact (Copper alloy
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Inserted, screwed Mounting method inserted, screwed Family construction form M8	al I	PUR
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3	poles	3
Side 3 Mounting method inserted, screwed Family construction form M8		
Mounting method inserted, screwed Family construction form M8	e of protection (EN IEC 60529)	IP65, IP66K, IP67
Family construction form M8	3	
	ng method i	inserted, screwed
Coding A	construction form	M8
v]	A
No. of poles 3	poles	3

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: 2024-06-02



Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879154659
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 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
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
	Destant the connectors by suitable measures from mathemical loads as the the second of addition
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	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), DIN EN 61076-2-114 (M8)
Installation Cable	
wire arrangement	brown, black, blue
Cable identification	210
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
J	. ,

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: 2024-06-02



Cable weigth	29,37 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
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	4,5 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 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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

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: 2024-06-02