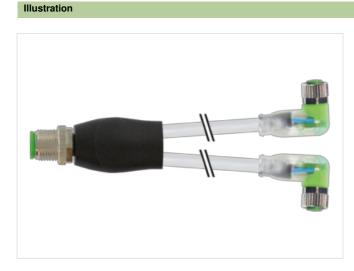


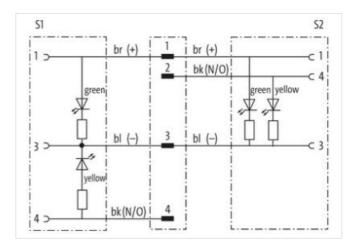
Y-Distributor M12 male / M8 female 90° A-cod. LED

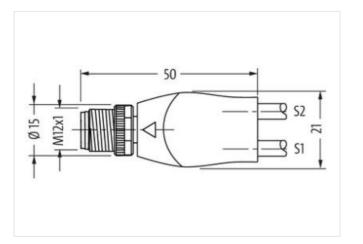
PUR 3x0.25 gy UL/CSA+robot+drag ch. 0.3m

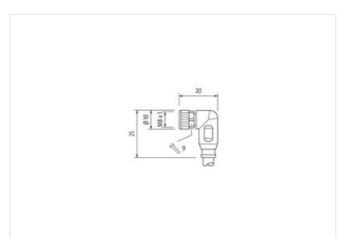
Y-connector M12 – M8, 4/3-pole Zinc die casting, save-cover coated Male straight – females 90° M12, A-coded LED (yellow/green) Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



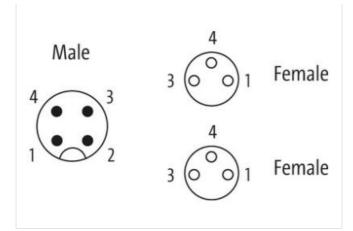






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Product may differ from Image



Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tommed Coating contact gold plated Coating contact gold plated State 2 Tommed 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 Material contact Side 3 Swidth across flats SW9 Degree of protectio	Cable length	0,3 m
Automing method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 1 suitable for corrugated tube (internal Ø) 10 mm Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 T 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 Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 <td>Side 1</td> <td></td>	Side 1	
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Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP67Side 2Tightening torqueO,4 Nminserted, screwedGoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3SW9Degree of protection (EN IEC 60529)IP67Side 3SNo. of poles3No. of poles3No. of poles3Side 3SUBDegree 3SUBNo. of poles3No. of poles3No. of poles3No. of poles3Co	Mounting method	inserted, screwed
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR 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 suitable for corrugated tube (internal Ø) 6.5 mm Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP67	Coating contact	gold plated
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Material PUR 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 suitable for corrugated tube (internal Ø) 6,5 mm Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP67 Side 3 Mounting method inserted, screwed Side 3 SW9 Degree of protection (EN IEC 60529) IP67 Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 3 Gide 3 Counting method inserted, screwed Family construction form M8 No. of poles	suitable for corrugated tube (internal Ø)	10 mm
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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 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR 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 No. of poles 3 Side 3 Conting method inserted, screwed Family construction form M8 No. of poles 3 Viot poles 3 ECLASS-6.0 27279218	Degree of protection (EN IEC 60529)	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 Material contact Copper alloy Material contact Copper alloy Material PUR 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 No. of poles 3 Commercial data 27279218	Side 2	
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Family construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedFamily construction formM8No. of poles3Commercial data27279218	Mounting method	inserted, screwed
ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedFamily construction formM8No. of poles3So of poles2ECLASS-6.027279218	Coating contact	gold plated
suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedFamily construction formM8No. of poles3So of poles3ECLASS-6.027279218	Family construction form	M8
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No. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3IP67Mounting methodinserted, screwedFamily construction formM8No. of poles3Commercial dataECLASS-6.027279218	Material contact	Copper alloy
Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedMounting methodinserted, screwedFamily construction formM8No. of poles3Commercial dataECLASS-6.027279218	Material	PUR
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Side 3 Mounting method inserted, screwed Family construction form M8 No. of poles 3 Commercial data ECLASS-6.0 27279218	Width across flats	SW9
Mounting method inserted, screwed Family construction form M8 No. of poles 3 Commercial data ECLASS-6.0 27279218	Degree of protection (EN IEC 60529)	IP67
Family construction form M8 No. of poles 3 Commercial data 27279218	Side 3	
No. of poles 3 Commercial data ECLASS-6.0 27279218	Mounting method	inserted, screwed
Commercial data ECLASS-6.0 27279218	Family construction form	M8
ECLASS-6.0 27279218	No. of poles	3
	Commercial data	
ECLASS-7.0 27279218	ECLASS-6.0	27279218
	ECLASS-7.0	27279218

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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	4048879447768
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Current consumption max.	5 mA
Diagnostics	
Status indication LED	green, yellow
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	safe-cover coated
Material gasket	FKM
Locking material	Zinc die-casting
ç	Zine 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	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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	
Cable identification	250
Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
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)	2,5 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	IEC 60332-2-2 UL 1581 § 1100 FT2 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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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