

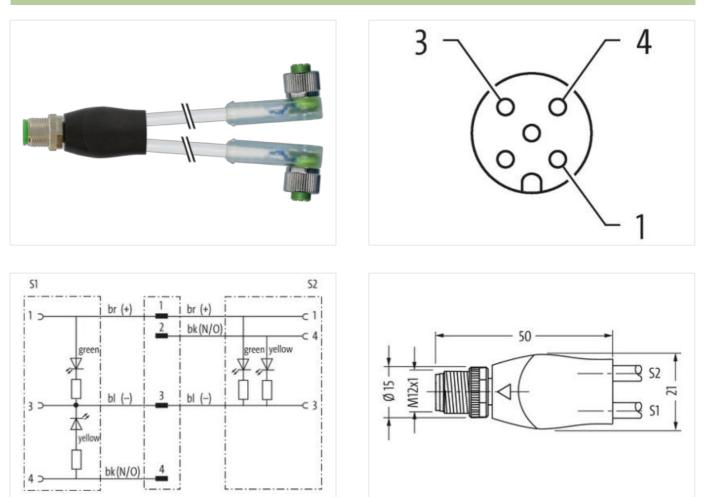
Y-Distributor M12 male / M12 female 90° A-cod. LED

PVC 3x0.34 gy UL/CSA 0.6m

Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded LED (yellow/green) Art-No. 7005 - M12 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.

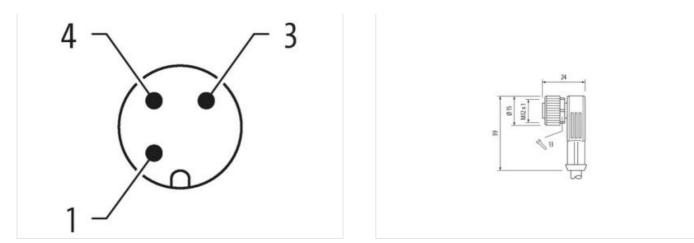
Link to Product

Illustration



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Product may differ from Image



Coaling contactgold platedFamily construction formM12ThreadM12 × 1suitable for corrugated tube (internal 0)10 mmMaterial contactCooper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2TTightening torque0.6 NmMounting methodinserted, screwedCoaling contactgold platedFamily construction formM12 × 1Material contactCooper alloyMaterial contactCooper alloySide 2TTightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12 × 1Material contactCooper alloyMaterial contactCooper alloyMaterial contactSV13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3SW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Sv13Dugree of protection formM12No. of poles3Side 3Sv13Dugree of protection formM12No. of poles3Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-7.027279218		
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No. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12MaterialPURNo. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedSide 3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM12No. of poles3Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218	Material contact	Copper alloy
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Mounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1Material contactCopper alloyMaterialPURNo. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM12No. of poles3Commercial data27279218ECLASS-6.027279218ECLASS-8.027279218	Side 2	
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Family construction formM12ThreadM12 x 1Material contactCopper alloyMaterialPURNo. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM12No. of poles3Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218	Mounting method	inserted, screwed
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MaterialCopper alloyMaterialPURNo. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM12No. of poles3Commercial dataECLASS-6.027279218ECLASS-8.027279218ECLASS-8.027279218	Family construction form	M12
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No. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Inserted, screwedMounting methodinserted, screwedFamily construction formM12No. of poles3Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218	Material contact	Copper alloy
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Mounting methodinserted, screwedFamily construction formM12No. of poles3Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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No. of poles 3 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218	Mounting method	inserted, screwed
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218	Family construction form	M12
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ECLASS-7.0 27279218 ECLASS-8.0 27279218	Commercial data	
ECLASS-8.0 27279218	ECLASS-6.0	27279218
	ECLASS-7.0	27279218
	ECLASS-8.0	27279218

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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	4048879155564
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
	5111A
Diagnostics	
Status indication LED	green, yellow
Installation Connection	
Mounting set	M12 x 1
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	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
· -	incented exercised Obalian methodian
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)
Installation Cable	
wire arrangement	brown, black, blue
Cable identification	213
Cable Type	1
Jacket Color	
Type of Certificate	gray cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
	Stown, Slack, Blac

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Cable weigth	34,1 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)	4,6 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)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 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	6 A
Electrical resistance line constant wire	57 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)	0° ℃
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° ℃
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

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