

## M12 male 0° / M12 female 0° A-cod.

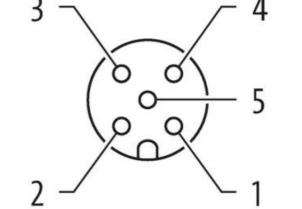
PVC 5x0.34 gy UL/CSA 10m

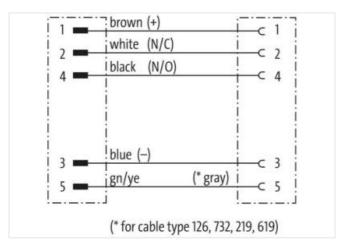
Male straight – female straight M12 – M12, 5-pole A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

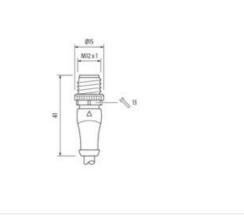
## Link to Product

Illustration



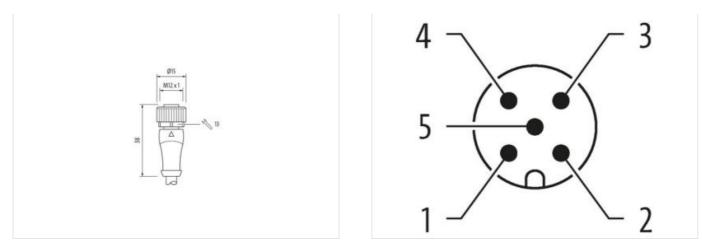






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Product may differ from Image



Cable length10 mSide 1Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IterationTightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67CodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311		
Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Cable length	10 m
Nounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 Nminserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Side 210 mmCollogAMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Side 1	
Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torqueO, 6 NmMounting methodMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-6.127279218ECLASS-8.027279218ECLASS-9.027060311	Tightening torque	0,6 Nm
ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67ECLASS-6.027279218ECLASS-6.127279218ECLASS-6.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-9.027060311	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torqueO,6 NmMounting methodMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-6.127279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-9.027060311	Family construction form	M12
Cable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218	Thread	M12 x 1
CodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.0ECLASS-6.027279218ECLASS-6.127279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-9.027060311	suitable for corrugated tube (internal Ø)	10 mm
MaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-9.027060311	Cable outlet	straight
No. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Coding	A
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Side 2Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Width across flats	SW13
Tightening torque0,6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Side 2	
Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCable outletstraightCodingAMaterialPURNo. of poles5Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311	Tightening torque	0,6 Nm
Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Cable outlet         straight           Coding         A           Material         PUR           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø)         10 mm           Cable outlet         straight           Coding         A           Material         PUR           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Family construction form	M12
Cable outlet         straight           Coding         A           Material         PUR           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Thread	M12 x 1
Coding         A           Material         PUR           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         E           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material         PUR           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Cable outlet	straight
No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Coding	
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Material	PUR
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	No. of poles	5
Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	Width across flats	SW13
ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311	ECLASS-6.1	27279218
ECLASS-9.0 27060311	ECLASS-7.0	27279218
2,000011	ECLASS-8.0	27279218
ECLASS-10.1 27060311	ECLASS-9.0	27060311
	ECLASS-10.1	27060311

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ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879182447
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
· ·	Niekolod
Coating locking Coating of fitting	Nickeled nickel plated
Locking material	Zinc die-casting
Material screw connection	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	
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	
Cable identification	215
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free

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Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
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 <sup>2</sup>
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	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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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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