

M12 male 90° / M12 female 90° A-cod.

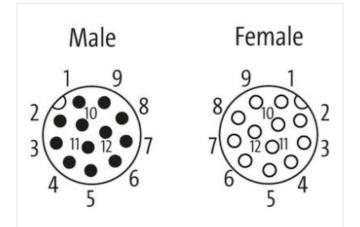
PUR 12x0.14 bk UL/CSA+drag ch. 3m

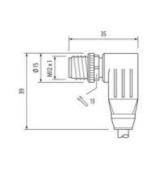
Male 90° – female 90° M12 – M12, 12-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



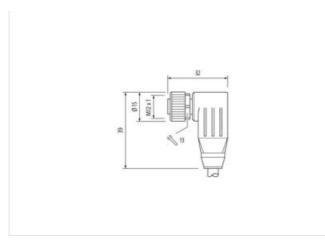
	brown !	—c 1
/	blue	
3 💻	i white i	—c 3
4 -	green	
5 💻	pink	
6 -	yellow	—c 6
7 💻	black	—c 7
8 -	i gray i	—c 8
9 -	red	—c 9
10 -	i violet i	
11 -	gray/pink	—c 11
12 -	red/blue	—c 12





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Product may differ from Image



Side 1Tightening torque0.6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1CodingAWidh across fiatsSW13Dagree of protection (EN IEC 60529)IP67Side 2TTightening torque0.6 NmMounting methodinserted, screwedFamily construction formM12Thread0.6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1CodingACommercial data27279218ECLASS-6.027279218ECLASS-6.127279218ECLASS-6.027279218ECLASS-6.027060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-12.027060311ECLASS-12.0EC001855customs tariff numberS444290GTIN4048879542012Packang unit1Packang unit30 VOperating voltage AC max.30 VOperating voltage AC max.30 V		
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Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 T Tightening torque 0.6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Colass-6.0 27279218 CoLASS-10.1 27060311 </td <td>Side 1</td> <td></td>	Side 1	
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Thread M12 x 1 Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2	Mounting method	inserted, screwed
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Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	1,5 A
Device protection Electrical	
Degree of protection (ISO 20653:2013)	IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	
	"
Mechanical data Material data	Nickeled
Coating locking Locking material	
C C	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
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	705
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted
Banding	Fleece
wire arrangement	gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue)
Traversing distance (C-track)	5 m @ 25 °C
Cable weigth	45,1 g/m
Material jacket	PUR
Shore hardness jacket	92 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	18
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,14 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Electrical resistance line constant wire	138 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s

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Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	85 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	85 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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