

M12 male 0° / M12 female 0°

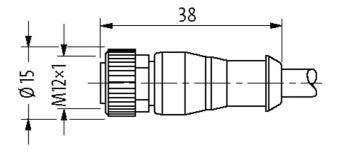
PUR-OB 3x0,34 black UL,CSA+drag chain 35m

Male straight – female straight M12 – M12, 3-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

Illustration





Product may differ from Image

Approvals		
<u></u>	* only for products with UL/CSA approved cable	cCSAus
Listed		
Form		

Form	40001
Technical Data	
Operating voltage	max. 250 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	2.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
No. of poles	3
Coding	A-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal \emptyset)	10 mm
General data	

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21

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Temperature range 25+85 *C, depending on cable quality Cable Visiolatation Wis isolation PP (br, bl, bk) C-track properties 10 Mo. Marinal (goke) PUR (ULOSA) Outer Ø 4.1 mm 5%. Bend radius (moving) 10× outer Ø Temperature range (fixed) -40480 *C Temperature range (fixed) -40480 *C Cable infermition 633 Cable Type 3 (PUR) Approval (cable) OUR (WM-Shyle 2054010443). CE conform Cable veget (type) OUR (WM-Shyle 2054010443). CE conform Cable veget (type) OUR (WM-Shyle 2054010443). CE conform Cable veget (type) OUR (type, bare Single wire Ø (cone) 0.1 mm (multi-strand wire class 6) Diameter (cone) 3 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PP B Material (wire isolation) 70 ± 0 Virie Solation 1.25 mm ±5% Calorweige (type) 9.0 3.4 mm² More I property (wire isolation) 70 ± 0	Standards	DIN EN 61076-2-101 (M12)
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C-track properlies 10 Mio. Material (acket) PUR (ULCSA) Outer Ø 4.1 mm 5%. Band radius (moving) 10 * outer Ø Temperature range (mobile) -2580 °C Cable identification 63 Cable identification 63 Cable interperature range (mobile) -2580 °C Cable interperature range (mobile) -2570 °C Cable interperature range (mobile) -2570 °C Cable interperature range (mobile) -25.0 Cable interperature range (mobile) -25.0 Cable interperature range (mobile) -25.0 Material (wire) Curvire, bare Cable interperature range (interperature) -24 °C 1 mm (multi-strand wire class 6) Diameter (interperature) -25 °C Single interperature interperature range (interperature) -25 °C	Wire isolation	PP (br, bl, bk)
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Wire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PURMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ± 5 AOuter-Ø (jacket)4.1 mm ±5%Color (jacket)blackColor (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTestvoltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5 × outer ØBend radius (moving)10 × outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldnoMaterial (jacket)PURMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)4.1 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5 < outer Ø	Shore hardness (wire isolation)	70 ±5 D
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ShieldnoMaterial (jacket)PURMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ± 5 AOuter-Ø (jacket)4.1 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 10 m/s²	Color/numbering of wires	br, bk, bl
Material (jacket)PURMaterial property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)4.1 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)5× outer ØBend radius (fixed)5× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Stranding combination	3 wires twisted
Material property (jacket)CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)4.1 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 10 m/s²	Shield	no
Material property (acket)resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)4.1 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)5× outer ØBend radius (fixed)5× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Material (jacket)	PUR
Outer-Ø (jacket)4.1 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 10 m/s²	Material property (jacket)	
Color (jacket)blackColor (jacket)good resistance to oil, gasoline and chemicals (EN 60811-404)chemical resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Shore hardness (jacket)	90 ±5 A
chemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Outer-Ø (jacket)	4.1 mm ±5%
thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Color (jacket)	black
Nominal voltage300 V ACTest voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage2500 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
Current load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Nominal voltage	300 V AC
Temperature range (fixed)-40+80 °C, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Test voltage	2500 V AC
Temperature range (mobile)-25+80 °C, (+90 °C at max. 10 000 operating hours)Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed)5× outer ØBend radius (moving)10× outer ØNo. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Temperature range (fixed)	-40+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 10 Mio. (25 °C) Travel speed (C-track) max. 3 m/s Acceleration (C-track) max. 10 m/s²	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
No. of bending cycles (C-track)max. 10 Mio. (25 °C)Travel speed (C-track)max. 3 m/sAcceleration (C-track)max. 10 m/s²	Bend radius (fixed)	5× outer Ø
Travel speed (C-track) max. 3 m/s Acceleration (C-track) max. 10 m/s ²	Bend radius (moving)	10× outer Ø
Acceleration (C-track) max. 10 m/s ²	No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
	Travel speed (C-track)	max. 3 m/s
Torsion stress ±180°/m	Acceleration (C-track)	max. 10 m/s ²
	Torsion stress	±180°/m

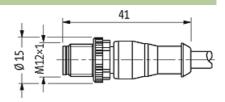
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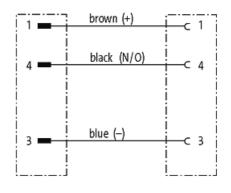
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No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879503655
eClass	27279218
Packaging unit	1
Sketch	

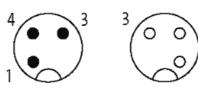




Male

Female

4



Product may differ from Image

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