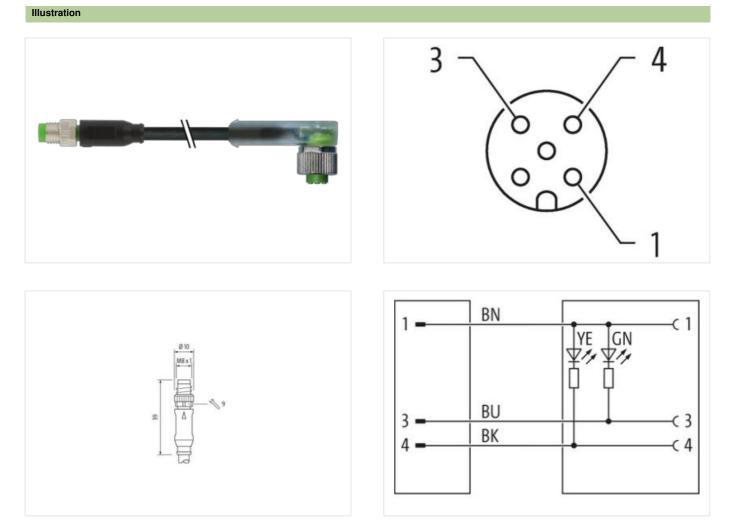


M8 male 0° / M12 female 90° A-cod. LED

PUR 3x0.25 bk UL/CSA+drag ch. 0.8m

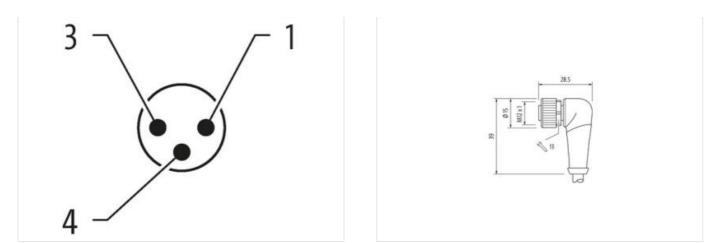
Male straight – female 90° M8 – M12, 3-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



Qoaling contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2	Cable length	0,8 m
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Qoaling contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2	Tightening torque	0,4 Nm
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ECLASS-12.0 27060311	ECLASS-11.1	27060311
	ECLASS-12.0	27060311

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outors suff number6444807OT M40480776202Producing unit1Electrical datal SupplyOperating voltage DC24 VOperating voltage DC max.30 VOperating voltage DC max.30 VOperating voltage DC max.30 VOperating voltage DC max.30 VOperating voltage DC max.4 ADescenting per const max.4 ADescenting per const max.4 ADescenting voltage DC max.30 VDevice protection Electrical90 voltage DCDevice protection file VIEC DDSSD1 PEB, IPE3 IPE8 IPE8 IPE8 IPE8 IPE8 IPE8 IPE8 IPE8	ETIM-5.0	EC001855
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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity IN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 630 Cable Identification 630 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (jacket) 4,1 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 %	Environmental characteristics Climatic	
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ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation CableCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)4.1 mmTolerance outer diameter (sheath)± 5 %Amount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %		
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Installation CableCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26.4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Conformity	
Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Installation Cable	
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Cable identification	630
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insullation± 5 %	Cable Type	3
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Jacket Color	black
Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Type of Certificate	cURus
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No. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Stranding	3 wires twisted
Cable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	brown, black, blue
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	No. of bending cycles (C-track)	10 Mio. @ 25 °C
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 4,1 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 %	Cable weigth	26,4 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PUR
Outer-diameter (jacket) 4,1 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 jacket	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,1 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ±5%	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 70 ± 5 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	70 ± 5 Shore D

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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)	10 m @ 25 °C horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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