

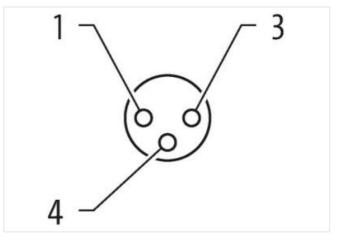
MQ12 male 0° / M8 female 0° A-cod.

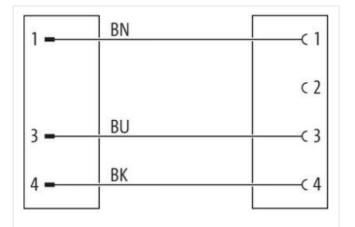
PUR 3x0.25 bk UL/CSA+drag ch. 1m

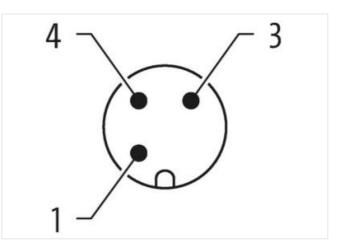
Male straight – female straight MQ12 – M8 3-pole with cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



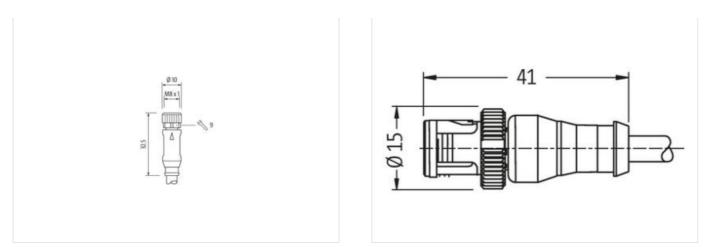






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Product may differ from Image

Cable length 1 m Side 1 Coating contact gold plated Family construction form MO12 Montant Thread M012 x 1 Montant Coding construction form M012 x 1 Montant Coding on M12 x 1 Montant Commendation of the M12 x 1 Matterial contact Copper alloy Montant Commendation of the M12 x 1 No. of poles 3 Commendation of the M12 x 1 Montant Commendation of the M12 x 1 Side 2 Thread M A Montant Commendation of the M12 x 1 Montant Coating contact gold plated Family construction form M8 M8 x 1 Suitable for corrugated tube (internal O) 6,5 mm Garding A Material contact Copper alloy 0 6,5 mm Coding A M8 x 1 Material x 1 Material x 20 x 2		
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customs tariff number 85444290 GTIN 4048879105446 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V	ECLASS-12.0	27060311
GTIN 4048879105446 Packaging unit 1 Electrical data Supply 60 V	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply 60 V	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 60 V	GTIN	4048879105446
Operating voltage AC max. 60 V	Packaging unit	1
	Electrical data Supply	
Operating voltage DC max. 60 V	Operating voltage AC max.	60 V
	Operating voltage DC max.	60 V

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Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
·	
Locking screw coating	nickel plated
Material gasket	FKM
Material housing	PUR
Locking nut material	PA, M12
Locking material screw	Zinc die-casting, M8
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 61076-2-114 (M8)
Installation Cable	
wire arrangement	brown, black, blue
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
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-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%
Shore hardness wire insulation	70 ± 5 Shore D
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	

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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
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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 bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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