

M12 female 90° A-cod. with cable LED

PUR 3x0.34 gy UL/CSA 20m

⚠ NOTICE ⚠

PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female 90°

M12, 3-pole

2x LED (PNP)

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

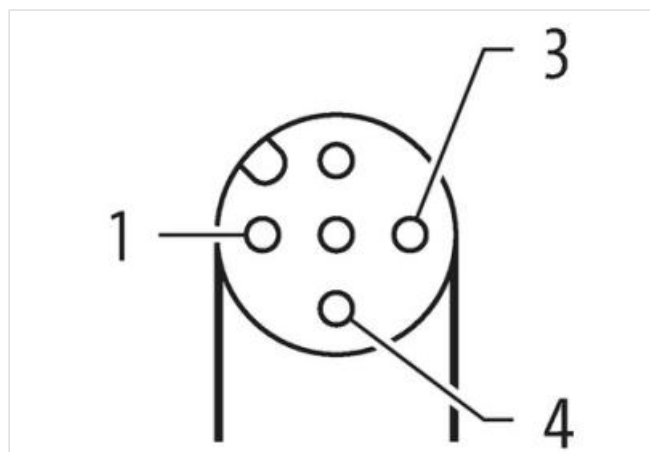
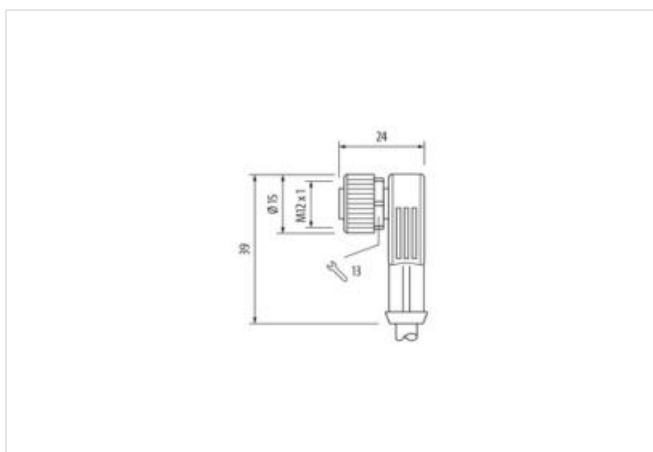
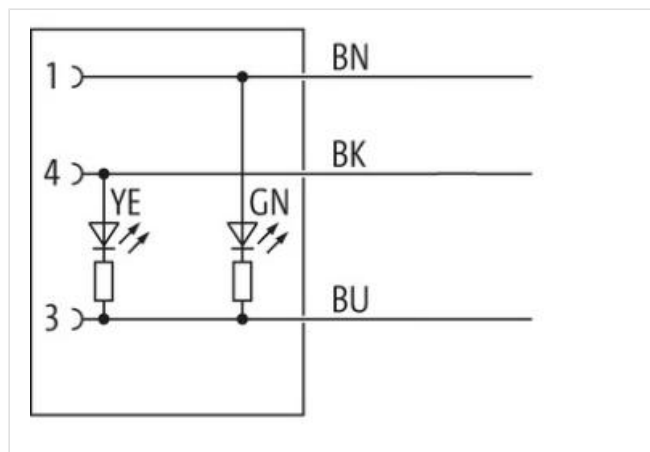
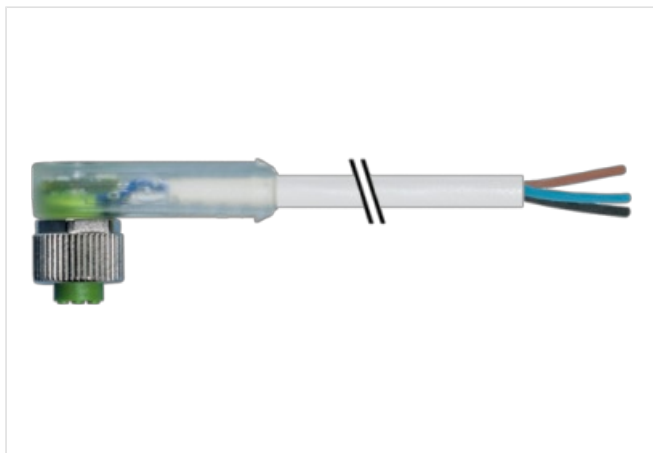
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

제품 링크

일러스트



실제 제품은 이미지와 다를 수 있습니다.



Cable length	20 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
제품자료	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
GTIN	4048879204842
세번부호	85444290
포장단위	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting

Mounting method inserted, screwed, Shaking protection

Operating temperature min. -25 °C

Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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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.
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Product standard	DIN EN 61076-2-101 (M12)
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Cable identification	223
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Cable Type	2 (PUR/PVC)
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Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
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Cable weight [g/m]	35,97 g
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Material wire	Cu wire, bare
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Resistor (core)	max. 57 Ω/km (20 °C)
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Single wire Ø (core)	0.1 mm
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Construction (core)	42x 0.1 mm (multi-strand wire class 6)
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Diameter (core)	3× 0.34 mm ²
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AWG similar to AWG 22

Material wire isolation	PVC
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Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
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Shore hardness wire isolation	43 ±5 D
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Wire-Ø incl. isolation	1.25 mm $\pm 5\%$
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Color/numbering of wires	br, bk, bl
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Stranding combination	3 wires twisted
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Shield	no
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Material jacket	PUR/PVC
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Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
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Shore hardness jacket	80 $\pm$ 5 A (PVC-under jacket); 85 $\pm$ 5 A (PUR-jacket)
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Outer-Ø (jacket)	4.3 mm ±5%
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Color jacket	gray
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chemical resistance	good resistance to oil, gasoline and chemicals
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Nominal voltage	UL 300 V AC
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Test voltage	2000 V AC
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Current load capacity to DIN VDE 0298-4

Temperature range (fixed)	-30...+80 °C
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Temperature range (mobile)	-5...+80 °C
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Bending radius (fixed)	10x outer Ø
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Bending radius (dynamic)	15× outer Ø
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No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
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Travel speed (C-track)	max. 3.3 m/s
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Acceleration (C-track)	max. 5 m/s ²
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