

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

PUR 3x0.34 ye UL/CSA 1.5m

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

Male 90° – female 90°

M12 – M12

3-/4-pole

bridged

2× LED (PNP), (NPN) on request

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

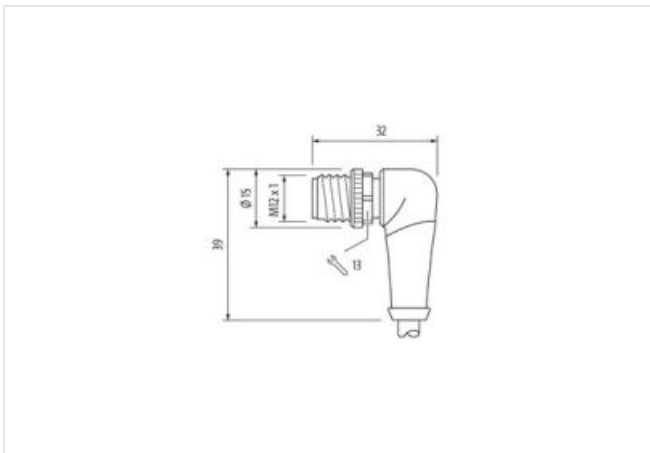
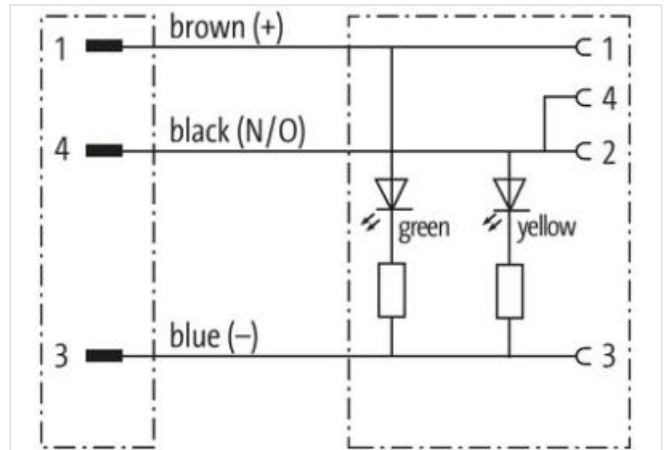
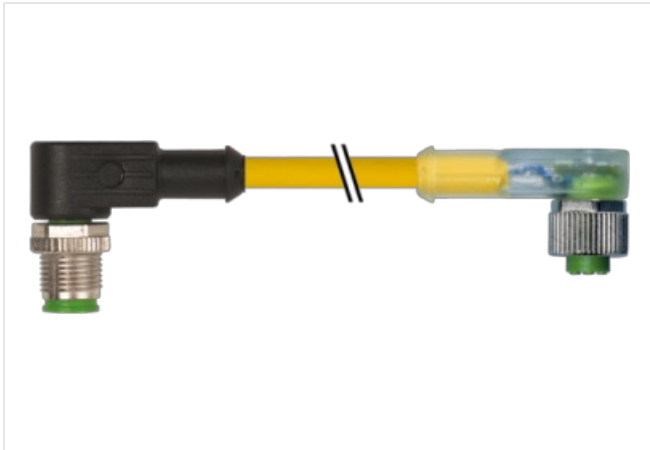
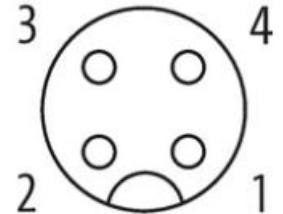
Plastic housings with good resistance against chemicals and oils.

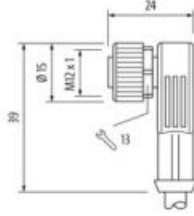
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Ürün Linki

örnekleme

**Male****Female**



Ürün Image farklı olabilir



Cable length 1,5 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
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

Side 2

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
No. of poles	4
Width across flats	SW13

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

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.

Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalî sınırlıdır. Sürüm: 2024-06-03

Murrelektronik GmbH | Falkenstrasse 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

Status indication LED	green, yellow
-----------------------	---------------

Installation | Connection

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
---------------------------	------------------

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
--	----------------------------

Conformity

Product standard	DIN EN 61076-2-101 (M12)
------------------	--------------------------

Cable

Cable identification	023
----------------------	-----

Cable Type	2 (PUR/PVC)
------------	-------------

Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
------------------	--

Cable weight [g/m]	35,97 g
--------------------	---------

Material wire	Cu wire, bare
---------------	---------------

Resistor (core)	max. 57 Ω/km (20 °C)
-----------------	----------------------

Single wire Ø (core)	0.1 mm
----------------------	--------

Construction (core)	42× 0.1 mm (multi-strand wire class 6)
---------------------	--

Diameter (core)	3× 0.34 mm ²
-----------------	-------------------------

AWG	similar to AWG 22
-----	-------------------

Material wire isolation	PVC
-------------------------	-----

Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
-----------------------------------	---

Shore hardness wire isolation	43 ±5 D
-------------------------------	---------

Wire-Ø incl. isolation	1.25 mm ±5%
------------------------	-------------

Color/numbering of wires	br, bk, bl
--------------------------	------------

Stranding combination	3 wires twisted
-----------------------	-----------------

Shield	no
--------	----

Material jacket	PUR/PVC
-----------------	---------

Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
----------------------------	--

Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
-----------------------	--

Outer-Ø (jacket)	4.3 mm ±5%
------------------	------------

Color jacket	yellow
--------------	--------

chemical resistance	good resistance to oil, gasoline and chemicals
---------------------	--

Nominal voltage	UL 300 V AC
-----------------	-------------

Test voltage	2000 V AC
--------------	-----------

Current load capacity	to DIN VDE 0298-4
-----------------------	-------------------

Temperature range (fixed)	-30...+80 °C
---------------------------	--------------

Temperature range (mobile)	-5...+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²
Ticari bilgiler	
Gümrük tarife no (gtip)	85444290
Paket miktarı	1