

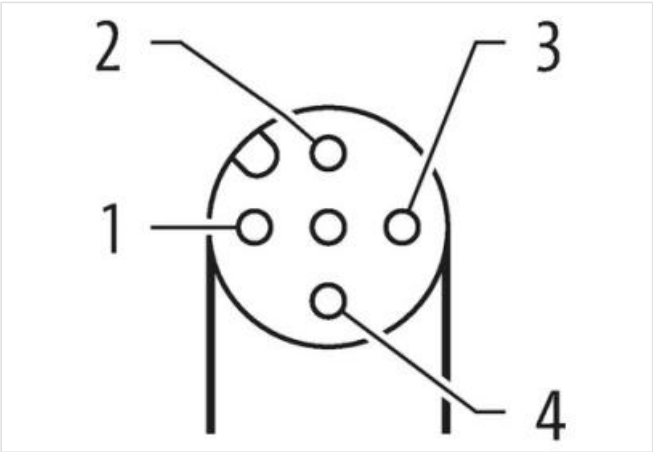
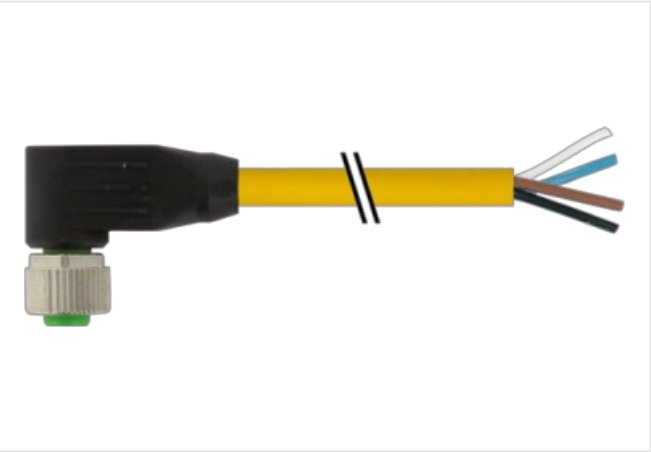
M12 female 90° A-cod. with cable

TPE 4x22AWG ye UL/CSA. ITC/PLTC 3m

Female 90°
M12, 4-pole
USA
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



Cable length 3 m

Side 1

Tightening torque 0,6 Nm

Mounting method	inserted, screwed
-----------------	-------------------

Family construction form	M12
--------------------------	-----

Thread	M12 x 1
--------	---------

suitable for corrugated tube (internal Ø)	10 mm
---	-------

Cable outlet	angled
--------------	--------

No. of poles	4
--------------	---

Width across flats	SW13
--------------------	------

Side 2

Stripping length (jacket)	20 mm
---------------------------	-------

Family construction form	free cable end
--------------------------	----------------

Commercial data

ECLASS-6.0	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
----------	----------

customs tariff number	85444290
-----------------------	----------

GTIN	4048879747394
------	---------------

Packaging unit	1
----------------	---

Electrical data | Supply

Operating voltage AC max.	250 V
---------------------------	-------

Operating voltage DC max.	250 V
---------------------------	-------

Operating voltage AC (UL-listed)	30 V
----------------------------------	------

Operating voltage DC (UL-listed)	30 V
----------------------------------	------

Current operating per contact max.	4 A
------------------------------------	-----

Installation | Connection

Stripping length (jacket)	20 mm
---------------------------	-------

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
-------------------------------------	-------------------

Additional condition protection degree	inserted, screwed
--	-------------------

Pollution Degree	3
------------------	---

Rated surge voltage	2,5 kV
---------------------	--------

Material group (IEC 60664-1)	I
------------------------------	---

Mechanical data | Material data

Coating locking	Nickeled
-----------------	----------

Locking material	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
--	----------------------------

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 61076-2-101 (M12)

Installation Cable	
Cable identification	U04
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weighth	49,5 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	5,36 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,27 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	22 AWG
Conductor crossection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	46,9 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m