

**RJ45 male 0° shielded with cable, Gigabit**

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 10m

Art.No.: 7700-74118-S4W1000

Weight: 0.693

Country of origin: HU

Model designation: MSRAL0-8p8cS4W\_10.0

Ethernet CAT5e

Male straight

RJ45, 8-pole

shielded

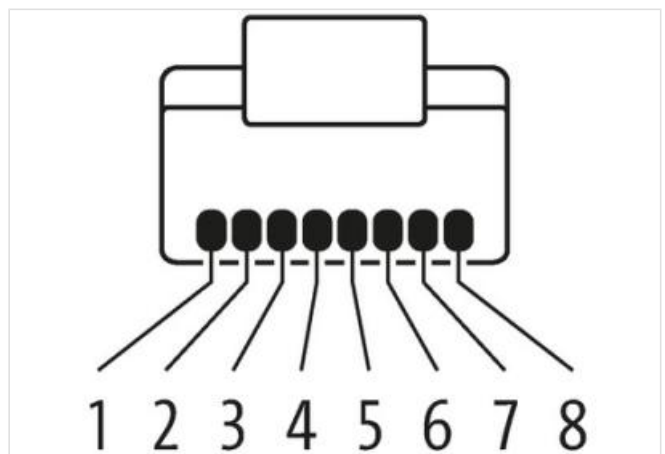
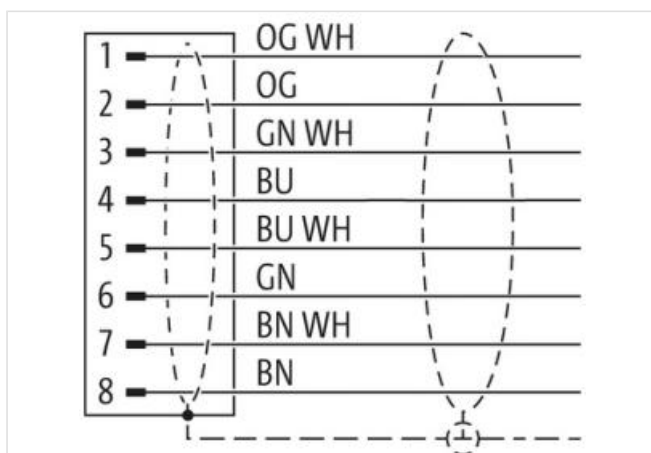
without cable sleeves

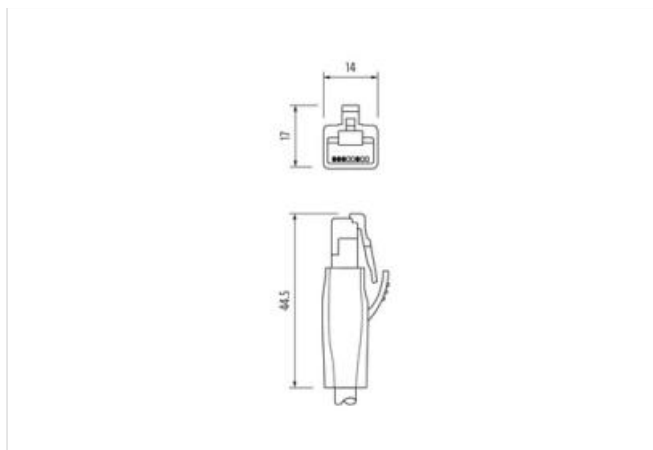
Protection cap

Further cable lengths on request.

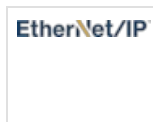
Plastic housings with good resistance against chemicals and oils.

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

**[Link to Product](#)****Illustration**



Product may differ from Image



Cable length	10 m
--------------	------

**Side 1**

Mounting method	inserted
-----------------	----------

Family construction form	RJ45
--------------------------	------

No. of poles	8
--------------	---

**Commercial data**

ECLASS-6.0	27061801
------------	----------

ECLASS-6.1	27060307
------------	----------

ECLASS-7.0	27060307
------------	----------

ECLASS-8.0	27060307
------------	----------

ECLASS-9.0	27060307
------------	----------

ECLASS-10.1	27060307
-------------	----------

ECLASS-11.1	27060307
-------------	----------

ECLASS-12.0	27060307
-------------	----------

ETIM-5.0	EC002599
----------	----------

customs tariff number	85444210
-----------------------	----------

EAN	4048879679442
-----	---------------

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

**Electrical data | Supply**

Operating voltage DC max.	60 V
---------------------------	------

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

Current operating per contact max.	1,5 A
------------------------------------	-------

**Industrial communication**

Transfer parameters	CAT5e
---------------------	-------

**Diagnostics**

Status indication LED	no
-----------------------	----

**Device protection | Electrical**

Degree of protection (EN IEC 60529)	IP20
-------------------------------------	------

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

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

**Mechanical data**

Contour for corrugated hose without

#### Mechanical data | Material data

Material housing	PUR
Locking material	PA

#### Mechanical data | Mounting data

Looking techniques	Snap-in connector
--------------------	-------------------

#### 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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Installation | Cable

wire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
------------------	--

Cable identification	S4W
----------------------	-----

Jacket Color	blue
--------------	------

Type of Certificate	cURus
---------------------	-------

Amount stranding	4
------------------	---

Stranding	2 wires twisted
-----------	-----------------

Amount stranding (type 2)	1
---------------------------	---

Stranding (type 2)	4 Stranded joints twisted
--------------------	---------------------------

Banding	Foil
---------	------

wire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
------------------	--

Cable weight	74,8 g/m
--------------	----------

Material jacket	TPE
-----------------	-----

Freedom from ingredients (jacket)	lead-free, CFC-free
-----------------------------------	---------------------

Outer-diameter (jacket)	7,6 mm
-------------------------	--------

Tolerance outer diameter (sheath)	± 5 %
-----------------------------------	-------

Material wire insulation	HDPE
--------------------------	------

Amount wires	8
--------------	---

Outer diameter insulation	1,17 mm
---------------------------	---------

Outer diameter tolerance core insulation	± 5 %
--	-------

Ingredient freeness wire insulation	lead-free, CFC-free
-------------------------------------	---------------------

Amount strands (wire)	7
-----------------------	---

Diameter of single wires	24 AWG
--------------------------	--------

Conductor crosssection (wire)	24 AWG
-------------------------------	--------

Material conductor wire	copper stranded wire, tinned
-------------------------	------------------------------

Nominal voltage AC max.	600 V
-------------------------	-------

Current load capacity (standard)	to DIN VDE 0298-4
----------------------------------	-------------------

Current load capacity min. wire	2 A
---------------------------------	-----

Electrical resistance line constant wire	76,4 Ω/km @ 20 °C
--	-------------------

Min. operating temperature (static)	-40 °C
-------------------------------------	--------

Max. operating temperature (fixed)	80 °C
------------------------------------	-------

Operating temperature min. (dynamic)	-40 °C
--------------------------------------	--------

Operating temperature max. (dynamic)	80 °C
--------------------------------------	-------

Storage temperature min.	-40 °C
--------------------------	--------

Storage temperature max.	80 °C
--------------------------	-------

Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
------------------	---

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)	4 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	1 Mio. @ 25 °C
No. of torsion cycles	3 Mio. 25 °C
Torsion stress	± 270 °/m