

M8 female 0° A-cod. with cable F&B

PVC 3x0.25 gy UL/CSA 7.5m

Art.No.: 7014-08041-2100750

Weight: 0.208

Country of origin: DE

Model designation: MSFL0-R210_7.5-S14

Female straight

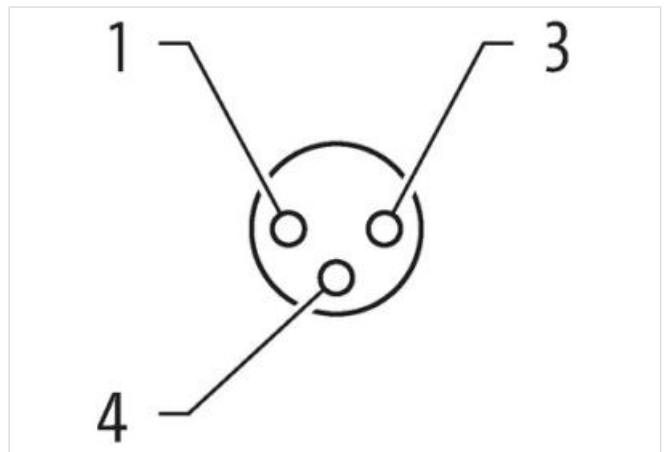
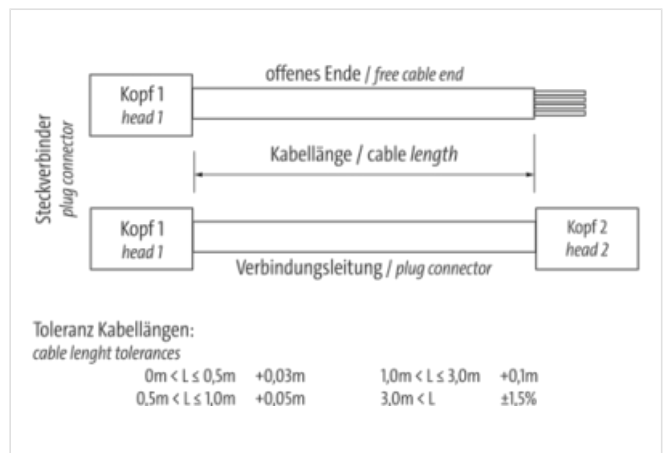
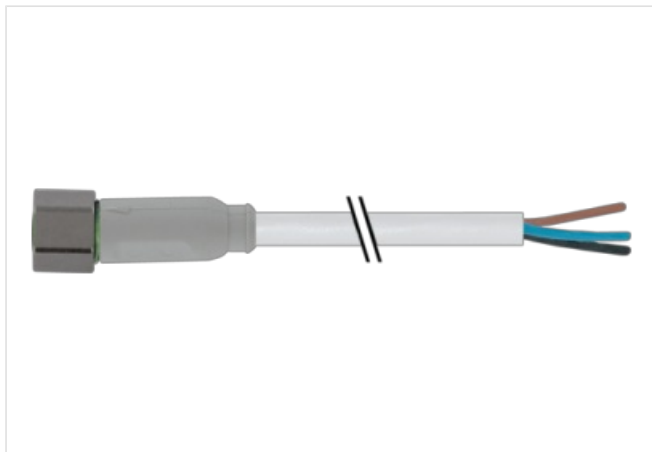
M8, 3-pole

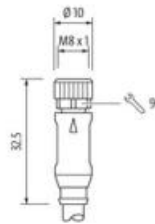
with cable sleeves

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	7,5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Cable outlet	straight
Coding	A
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67, IP68, IP69K
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end
Commercial data	
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
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879109277
EAN	4048879109277
Packaging unit	1
Packaging unit	1
Electrical data Supply	

Operating voltage AC max.	60 V
---------------------------	------

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

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

Diagnostics

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

Installation | Connection

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

Gender	female
--------	--------

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K, IP69K
-------------------------------------	--------------------------------

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

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

Rated surge voltage	1,5 kV
---------------------	--------

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

Mechanical data | Material data

Locking material	Stainless steel 1.4404 (V4A)
------------------	------------------------------

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.
------------------------	---

Installation | Cable

wire arrangement	brown, black, blue
------------------	--------------------

Cable identification	210
----------------------	-----

Cable Type	1
------------	---

Jacket Color	gray
--------------	------

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

Amount stranding	1
------------------	---

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

wire arrangement	brown, black, blue
------------------	--------------------

Cable weight	29,37 g/m
--------------	-----------

Material jacket	PVC
-----------------	-----

Shore hardness jacket	85 ± 5 Shore A
-----------------------	----------------

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

Outer-diameter (jacket)	4,5 mm
-------------------------	--------

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

Material wire insulation	PVC
--------------------------	-----

Amount wires	3
--------------	---

Outer diameter insulation	1,25 mm
---------------------------	---------

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

Shore hardness wire insulation	45 ± 5 Shore D
--------------------------------	----------------

Material properties wire insulation	good machinability
-------------------------------------	--------------------

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

Amount strands (wire)	14
-----------------------	----

Diameter of single wires	0,15 mm
--------------------------	---------

Conductor crosssection (wire)	0,25 mm²
-------------------------------	----------

Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter