

M8 male 0° A-cod. snap-in with cable

PUR 4x0.25 gy UL/CSA 10m

Art.No.: 7000-08171-2211000

Weight: 0.291

Country of origin: DE

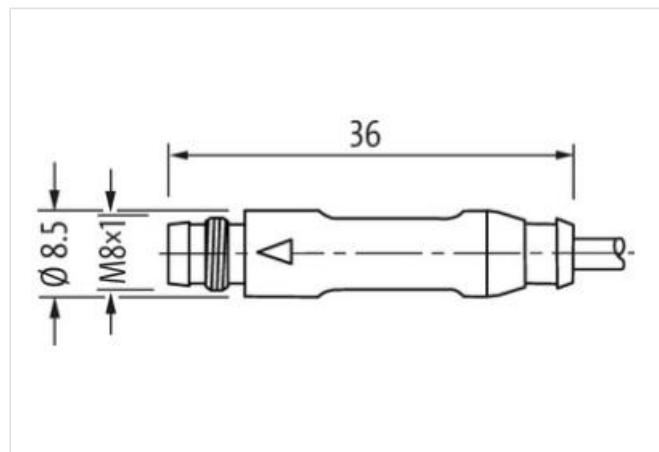
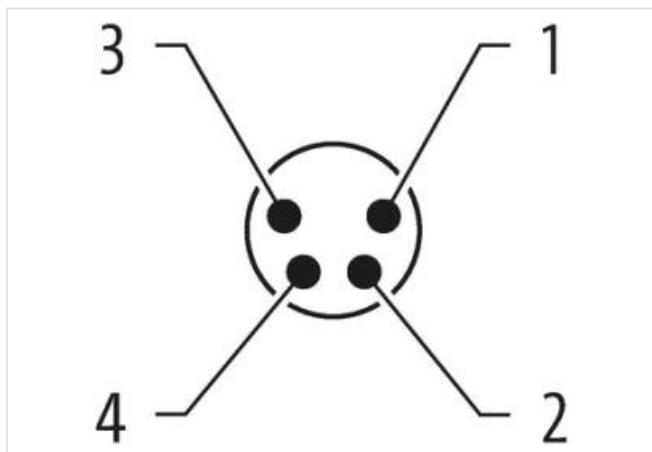
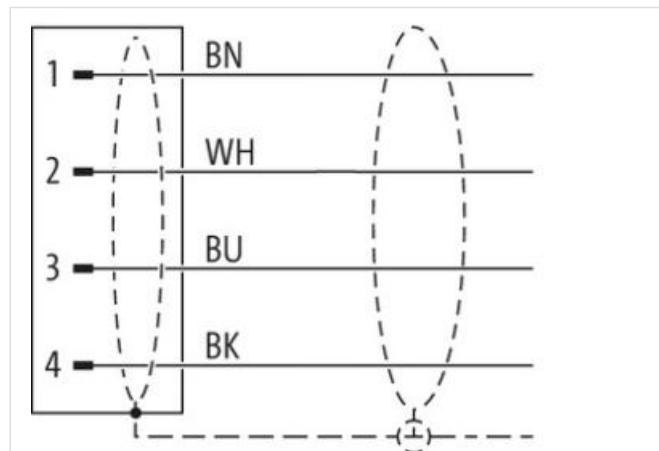
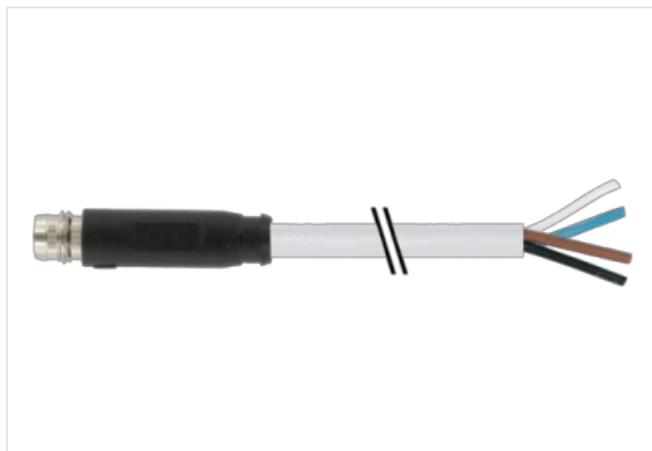
Model designation: MSWL0-T221_10.0

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

Male straight

M8 (Snap In), 4-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 10 m

Side 1

Mounting method inserted
 Family construction form M8
 suitable for corrugated tube (internal Ø) 6,5 mm
 Material PUR
 Degree of protection (EN IEC 60529) IP65

Side 2

Stripping length (jacket) 20 mm

Commercial data

ECLASS-6.0 27061801
 customs tariff number 85444290
 Packaging unit 1

Electrical data | Supply

Operating voltage AC max. 50 V
 Operating voltage DC max. 60 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
 Mounting set M8 x 1

Device protection | Electrical

Additional condition protection degree inserted, locked
 Pollution Degree 3
 Rated surge voltage 1,5 kV
 Material group (IEC 60664-1) I

Mechanical data | Material data

Coating of fitting nickel plated
 Material screw connection Brass

Mechanical data | Mounting data

Looking techniques Snap In

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 61076-2-114 (M8)

Installation | Cable

Cable identification 221
 Cable Type 2
 Jacket Color gray
 Type of Certificate cURus
 Amount stranding 1

Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weight	32,01 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	2 Mio. @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 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	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter