

M8 female 90° with cable

PUR 5x0.25 bk UL 5m

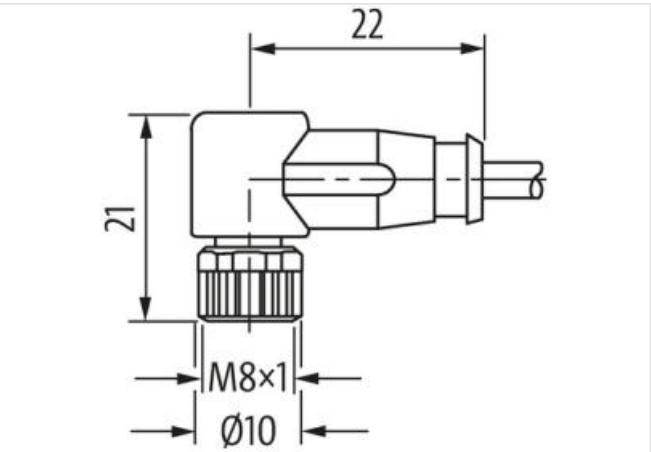
Female 90°  
M8, 5-pole  
B-coded  
with cable sleeves  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link to Product

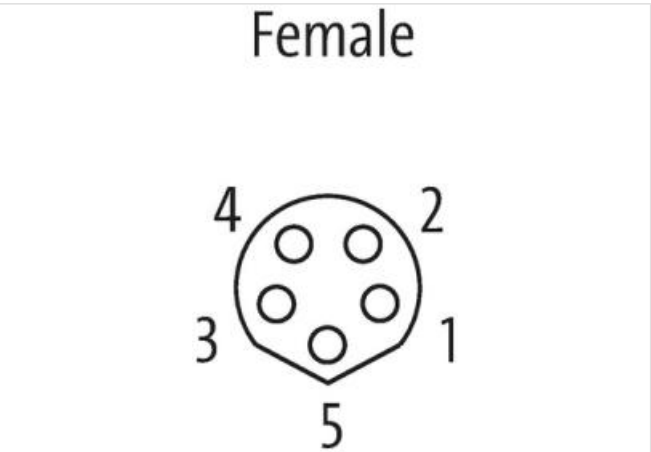
Illustration



1	BN
2	WH
3	BU
4	BK
5	GY



Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Cable outlet	angled
Coding	B
Material contact	Copper alloy
Material	TPU
No. of poles	5
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67

**Side 2**

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	4048879731645
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	3 A

**Diagnostics**

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

**Installation | Connection**

Mounting set	M8 x 1
Mating cycles min.	100

**Device protection | Electrical**

Additional condition protection degree	inserted, screwed
Pollution Degree	3/2
Insulation resistance min.	100 MΩ

**Mechanical data | Material data**

Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FPM
Material contact carrier	PA
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.	80 °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	brown, white, black, blue, gray
Cable identification	695
Jacket Color	black
Amount stranding	1
Stranding	5 wires twisted
wire arrangement	brown, white, black, blue, gray
Material jacket	PUR
Outer-diameter (jacket)	4,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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	58 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-25 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	7,5 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Travel speed (C-track)	3 m/s