

M8 male 90° with cable, 180°

PUR 8x0.14 bk 1,5m

Male 90°

M8, 8-pole

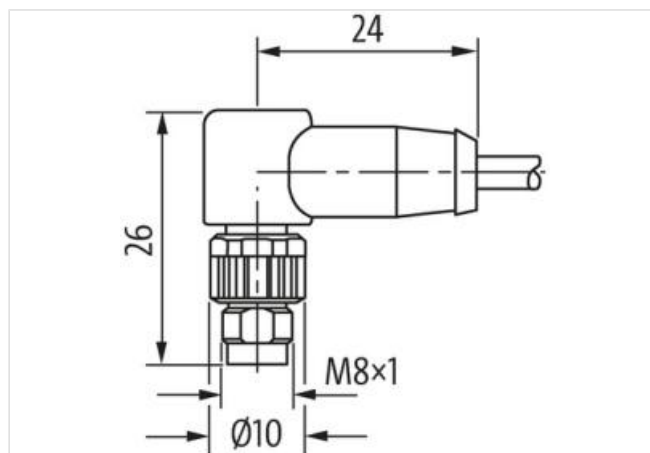
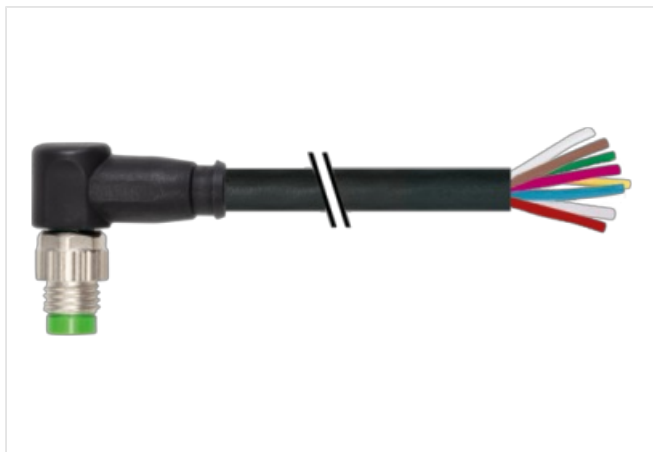
with cable sleeves

Attention: Contact carrier turned to 180°!

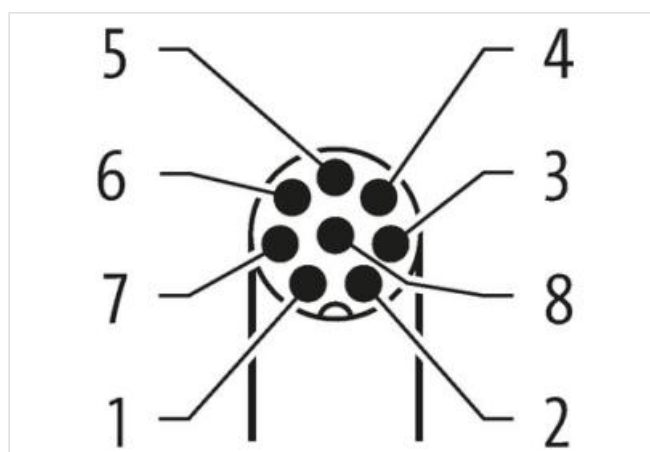
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

[Linkki tuotteeseen](#)**Kuvat**

1	—	WH
2	—	BN
3	—	GN
4	—	YE
5	—	GY
6	—	PK
7	—	BU
8	—	RD



Tuote voi erota kuvassa olevasta



Cable length 1,5 m

Side 1

Tightening torque 0,4 Nm

Tämän tietolomakkeen tiedot on laadittu suurimmalla mahdollisella huolellisuudella.
 Vahingonkorvausvastuu koskien tietojen oikeellisuutta, laajuutta ja ajankohtaisuutta kattaa ainoastaan törkeän laiminlyönnin. Versio: 21.05.2024

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
Material	TPU
No. of poles	8
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67

Kaupalliset tiedot

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
GTIN	4048879783361
Pakkauskoko	1
Tullinumero	85444290

Electrical data | Supply

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A

Diagnostics

Status indication LED	no
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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
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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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	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	white, brown, green, yellow, gray, pink, blue, red
Cable identification	696
Jacket Color	black
Amount stranding	1
Stranding	8 wires around Filler twisted
wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Material jacket	PUR
Outer-diameter (jacket)	5,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,07 mm
Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)	18
Diameter of single wires	0,1 mm
Conductor crossection (wire)	0,14 mm ²
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	78 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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-15 °C
Operating temperature max. (dynamic)	80 °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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Travel speed (C-track)	5 m/s