

## M8 male 0° / M8 female 0° B-cod.

PUR 5x0.25 bk UL 3m

Male straight – female straight 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.

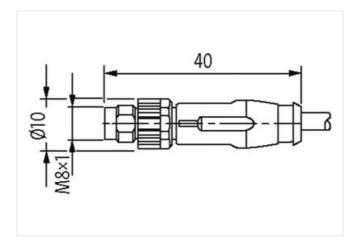
Further cable lengths on request.

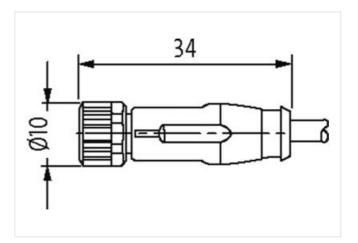
## **Link to Product**

## Illustration

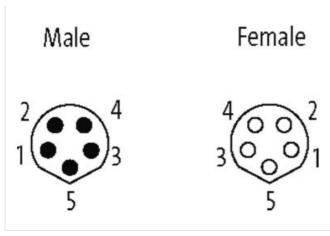


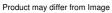


















Side 1           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coaling contract         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Width across flats         SW9           Side 2           Tightening torque           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Commercial dat           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-12.0         27060311           ECLASS-1.2         27060311	Cable length	3 m
Mounting method   Inserted, screwed	Side 1	
Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Width across flats         SW9           Side 2           Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-12.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290	Tightening torque	0,4 Nm
Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Width across flats         SW9           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27660311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311 </td <td>Mounting method</td> <td>inserted, screwed</td>	Mounting method	inserted, screwed
Thread	Coating contact	gold plated
Coding         B           Material contact         Copper alloy           No. of poles         5           Width across flats         SW9           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           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	Family construction form	M8
Material contact         Copper alloy           No. of poles         5           Width across flats         SW9           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           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           ECLASS-12.0         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.0         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         2706031 <td>Thread</td> <td>M8 x 1</td>	Thread	M8 x 1
No. of poles   5	Coding	В
Width across flats         SW9           Side 2         Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           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           ECLASS-12.0         27060311           ECLASS-10.0         EC01855           customs tariff number         85444290	Material contact	Copper alloy
Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           oustoms tariff number         85444290	No. of poles	5
Tightening torque 0,4 Nm  Mounting method inserted, screwed  Coating contact gold plated  Family construction form M8  Thread M8 x 1  Coding B  Material contact Copper alloy  No. of poles 5  Commercial data  ECLASS-6.0 27279218  ECLASS-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-1.1 27060311  ECLASS-1.1 27060311  ECLASS-1.2 27060311	Width across flats	SW9
Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           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           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290	Side 2	
Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           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         EC01855           customs tariff number         85444290	Tightening torque	0,4 Nm
Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         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           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290	Mounting method	inserted, screwed
Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           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           ECLASS-12.0         27060311           ECLASS-12.0         8           ECUMS-15         2001855           Customs tariff number         85444290	Coating contact	gold plated
Coding         B           Material contact         Copper alloy           No. of poles         5           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           ECLASS-12.0         85444290	Family construction form	M8
Material contact         Copper alloy           No. of poles         5           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           ECLASS-12.0         27060311           ECLASS-12.0         28060311           ECLASS-12.0         28060311 </td <td>Thread</td> <td>M8 x 1</td>	Thread	M8 x 1
No. of poles         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	Coding	В
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	Material contact	Copper alloy
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  ECLASS-12.0 27060311  ECLASS-12.0 27060311	No. of poles	5
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         ECLASS-12.0       85444290	Commercial data	
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	ECLASS-6.0	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	ECLASS-6.1	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	ECLASS-7.0	27279218
ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290	ECLASS-8.0	27279218
ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290	ECLASS-9.0	27060311
ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-11.1	27060311
customs tariff number 85444290	ECLASS-12.0	27060311
	ETIM-5.0	EC001855
GTIN 4048879736244	customs tariff number	85444290
	GTIN	4048879736244

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26



stay connected

Packaging unit	1
Electrical data   Supply	
1 117	30 V
Operating voltage AC max.  Operating voltage DC max.	30 V
Current operating per contact max.	3 A
	3 N
Diagnostics	
Status indication LED	no
Installation   Connection	
Mating cycles min.	100
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3/2
Insulation resistance min.	100 ΜΩ
Mechanical data   Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	TPU
Locking material	Zinc die-casting
Mechanical data   Mounting data	
	inserted assured Obelian authorities
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-30 °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 mm <sup>2</sup>
Motorial conductor wire	Stranded copper wire, bare
Material conductor wire	
Conductor type (wire)	strand class 6
Conductor type (wire) Nominal voltage AC max.	strand class 6 300 V
Conductor type (wire)	strand class 6

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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