

## M8 male 0° / M8 female 0° B-cod.

PUR 5x0.25 bk UL 5m

Male straight – female straight M8, 5-pole B-coded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

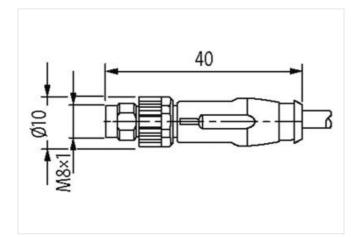
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

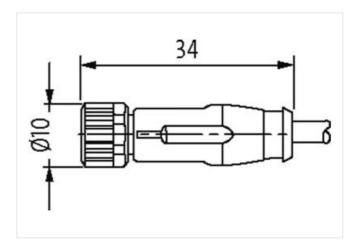
## **Link to Product**

## Illustration

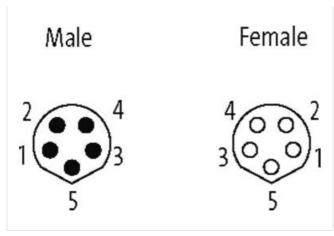


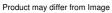


















Side 1           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coaling contract         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Width across flats         SW9           Side 2           Tightening torque           Mounting method         inserted, screwed           Coaling contact         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           No. of poles         5           Commercial date           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311	Cable length	5 m	
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           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 date           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         E001855           customs tarilf number         85444290	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-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         E001855           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-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC01855           customs tariff number         85444290	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           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-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 <tri>ECLASS-10.1         27060311</tri>	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-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           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-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	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           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           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         85400311           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           ECIASS-12.0         27060311           ECIMS-5.0         EC01855           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         85444290	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         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311	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         ETIM-5.0       EC001855         customs tariff number       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 4048879736251	customs tariff number	85444290	
	GTIN	4048879736251	

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: 2024-05-17



stay connected

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	
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	
Mounting method	inserted, screwed, Shaking protection
-	inserted, screwed, charing 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	
Cable identification	695
Jacket Color	
	black
Amount stranding	black 1
Amount stranding Stranding	
	1
Stranding	1 5 wires twisted
Stranding wire arrangement	1 5 wires twisted brown, white, black, blue, gray
Stranding wire arrangement Material jacket	1 5 wires twisted brown, white, black, blue, gray PUR
Stranding wire arrangement Material jacket Outer-diameter (jacket)	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath)	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 %
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 %
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire)	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32 0,1 mm
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32 0,1 mm 0,25 mm²
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32 0,1 mm 0,25 mm² Stranded copper wire, bare
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32 0,1 mm 0,25 mm² Stranded copper wire, bare strand class 6
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max.	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32 0,1 mm 0,25 mm² Stranded copper wire, bare strand class 6 300 V
Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard)	1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm ± 5 % PP 5 1,2 mm ± 5 % 32 0,1 mm 0,25 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4



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
Travel speed (C-track)	5 Mio. @ 25 °C