

## M8 male 0° / M8 female 0° B-cod.

PUR 5x0.25 bk UL 0.25m

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

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

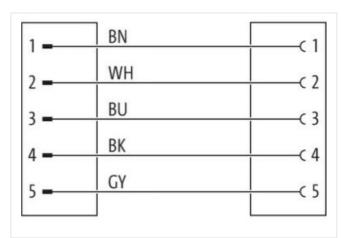
The resistance to aggressive media should be individually tested for your application. Further details on request.

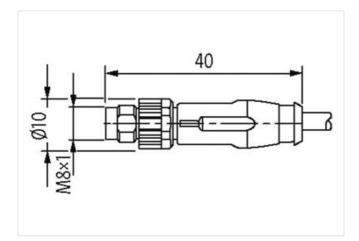
Further cable lengths on request.

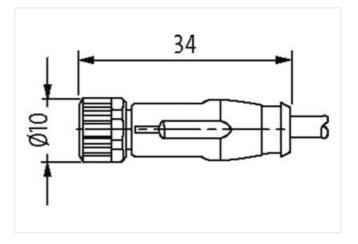
## **Link to Product**

## Illustration

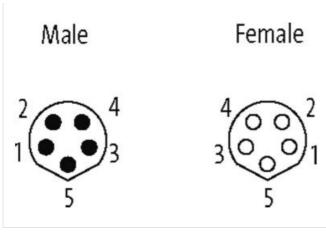


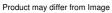


















Side 1           Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coaling contract         gold plated           Family construction form         M8           Thread         M8 x 1           Coding         B           Material contact         Copper alloy           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 dat         Copper alloy           No. of poles         5           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         27060311	Cable length	0,25 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-12.0         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           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           ECTIND-5.0         EC001855           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-9.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-10.1         ECOM1855           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           ETIM-5.0         EC001855           customs tariff number         85444290	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           ETIM-5.0         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-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290		
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           ECLASS-12.0         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         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-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         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           ECLASS-12.0         27060311           ECLASS-12.0         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-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.1       27060311         ECLASS-10.0       27060311         ECLASS-10.0       27060311         ECLASS-10.0       27060311         ECLASS-10.0       27060311          ECULASS-10.0       27060311		M8 x 1
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 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  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		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 4048879809450	customs tariff number	85444290
	GTIN	4048879809450

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: 2024-05-19



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
Environmental characteristics   Climatic	morrous, out office, or fathing protocolors
·	-30 °C
Operating temperature min.	80 °C
Operating temperature max.	depending on cable quality
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 handing radius	
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	
Installation   Cable	endangered by excessive bending forces.
Installation   Cable Cable identification	endangered by excessive bending forces.  695
Installation   Cable Cable identification Jacket Color	endangered by excessive bending forces.  695  black
Installation   Cable Cable identification Jacket Color Amount stranding	endangered by excessive bending forces.  695  black 1
Installation   Cable Cable identification Jacket Color Amount stranding Stranding	endangered by excessive bending forces.  695  black  1  5 wires twisted
Installation   Cable Cable identification Jacket Color Amount stranding Stranding wire arrangement	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray
Installation   Cable Cable identification Jacket Color Amount stranding Stranding wire arrangement Material jacket	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR
Installation   Cable Cable identification Jacket Color Amount stranding Stranding wire arrangement Material jacket Outer-diameter (jacket)	endangered by excessive bending forces.  695 black 1 5 wires twisted brown, white, black, blue, gray PUR 4,7 mm
Installation   Cable  Cable identification  Jacket Color  Amount stranding  Stranding  wire arrangement  Material jacket  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR  4,7 mm  ± 5 %
Installation   Cable Cable identification Jacket Color Amount stranding Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	endangered by excessive bending forces.  695  black 1 5 wires twisted  brown, white, black, blue, gray  PUR 4,7 mm ± 5 %  PP
Installation   Cable Cable identification Jacket Color Amount stranding Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR  4,7 mm  ± 5 %  PP
Installation   Cable Cable identification Jacket Color Amount stranding Stranding wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR  4,7 mm  ± 5 %  PP  5  1,2 mm
Installation   Cable  Cable identification  Jacket Color  Amount stranding  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	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR  4,7 mm  ±5%  PP  5  1,2 mm  ±5%
Installation   Cable Cable identification Jacket Color Amount stranding 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)	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR  4,7 mm  ± 5 %  PP  5  1,2 mm  ± 5 %  32
Installation   Cable Cable identification Jacket Color Amount stranding 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	endangered by excessive bending forces.  695  black  1  5 wires twisted  brown, white, black, blue, gray  PUR  4,7 mm  ±5 %  PP  5  1,2 mm  ±5 %  32  0,1 mm
Installation   Cable  Cable identification  Jacket Color  Amount stranding  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)	endangered by excessive bending forces.  695  black  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
Installation   Cable  Cable identification  Jacket Color  Amount stranding  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	endangered by excessive bending forces.  695 black 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
Installation   Cable  Cable identification  Jacket Color  Amount stranding  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)	endangered by excessive bending forces.  695  black  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
Installation   Cable  Cable identification  Jacket Color  Amount stranding  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.	endangered by excessive bending forces.  695  black  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
Installation   Cable  Cable identification  Jacket Color  Amount stranding  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)	endangered by excessive bending forces.  695  black  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