

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

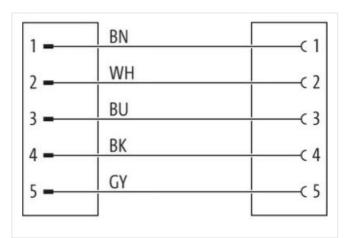
Plastic housings with good resistance against chemicals and oils.

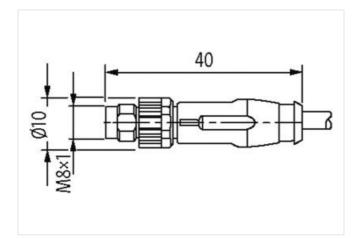
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

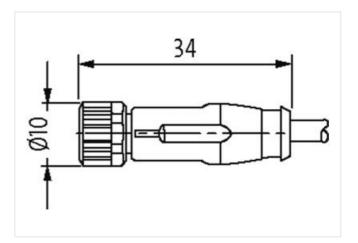
Link to Product

Illustration

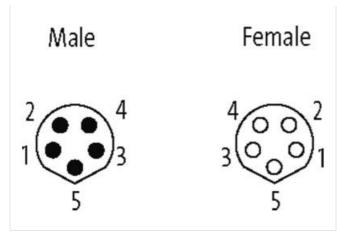












Product may differ from Image







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 <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-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 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 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 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 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



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	moortes, corones, charing protostion
·	-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	Attention: 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
No. of bending cycles (C-track)	5 Mio. @ 25 °C