

## M8 male 0° / M8 female 0° B-cod.

PUR 5x0.25 bk UL 0.6m

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.

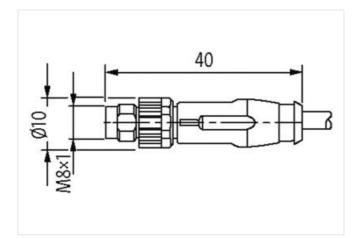
Further cable lengths on request.

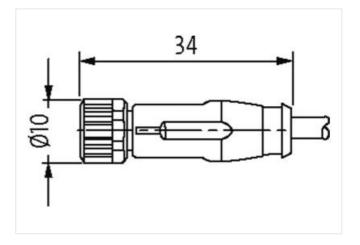
## **Link to Product**

## Illustration

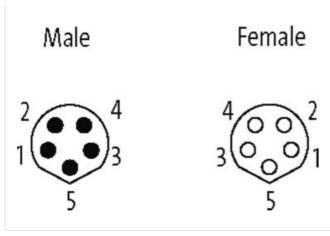


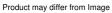


















Cable length	0,6 m	
Side 1		
Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M8	
Thread	M8 x 1	
Coding	В	
Material contact	Copper alloy	
No. of poles	5	
Width across flats	SW9	
Side 2		
Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M8	
Thread	M8 x 1	
Coding	В	
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	
GTIN	4048879736206	

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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	morrou, out office, or during protocolor
·	-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

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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