

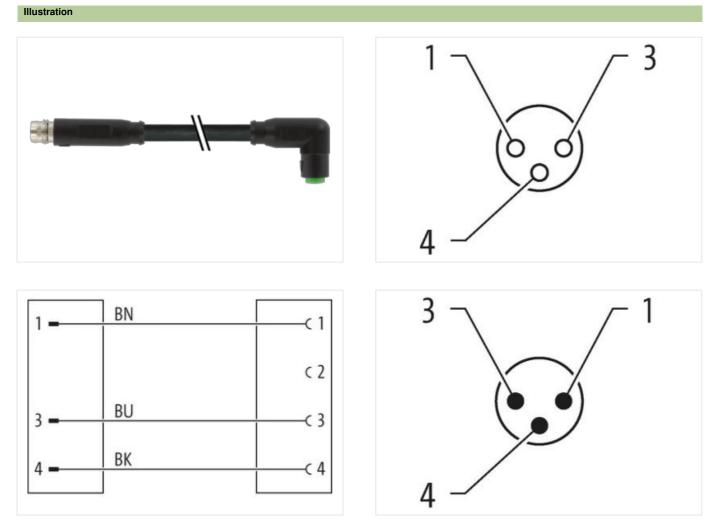
## M8 male 0° / M8 female 90° A-cod. snap-in

PUR 3x0.25 bk UL/CSA 1m

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Male straight – female 90° M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths on request. 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.

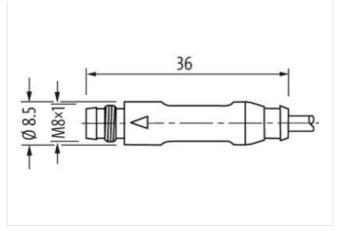
## Link to Product

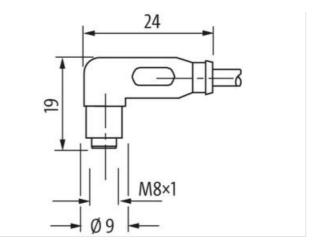


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Product may differ from Image



Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Device protection   Electrical       Electrical         Degree of protection (EN IEC 60529)       IP65	301
ThreadM8suitable for corrugated tube (internal Ø)6,5 mmCommercial dataECLASS-6.027061customs tariff number85444GTIN40488Packaging unit1Electrical data   SupplyOperating voltage AC max.Operating voltage DC max.60 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VOperating voltage DC (UL-listed)30 VDevice protection   ElectricalDegree of protection (EN IEC 60529)IP65Additional condition protection degreeinserterPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data   Material dataMaterial housingPURMechanical data   Mounting data	301 290
suitable for corrugated tube (internal Ø)       6,5 mi         Commercial data       ECLASS-6.0       27061         customs tariff number       85444         GTIN       40488         Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Device protection   Electrical       1         Degree of protection (EN IEC 60529)       IP65         Additional condition protection degree       inserter         Pollution Degree       3         Rated surge voltage       1,5 kW         Material group (IEC 60664-1)       I         Material housing       PUR         Mechanical data   Mounting data       1	301 290
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Mechanical data   Material data         Material housing       PUR         Mechanical data   Mounting data	
Material housing PUR Mechanical data   Mounting data	
Mechanical data   Mounting data	
Looking techniques Snap	
5 1	n
Environmental characteristics   Climatic	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depen	
Conformity	ding on cable quality

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Product standard

DIN EN 61076-2-114 (M8)

Installation   Cable	
Cable identification	620
Cable Type	2
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	26,62 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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