

## M8 male 0° / M12 female 0° A-cod.

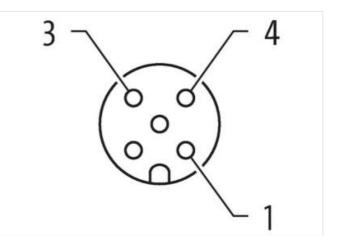
PUR 3x0.25 bk UL/CSA 6m

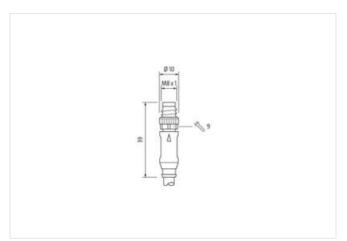
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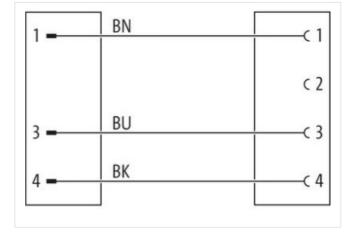
Male straight – female straight M8 – M12, 3-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



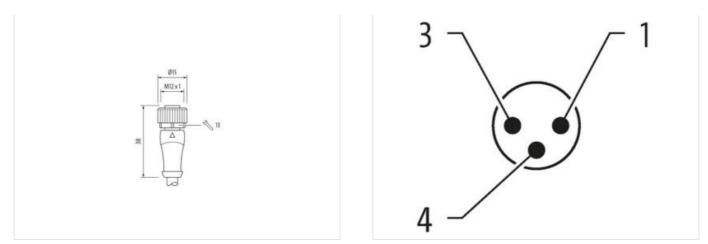






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Product may differ from Image



Cable length	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
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
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

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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879324663
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
Current operating per contact max.	4 A
Device protection   Electrical	
Degree of protection (EN IEC 60529) Additional condition protection degree	IP65, IP67, IP68, IP66K inserted, screwed
	3
Pollution Degree	
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation   Cable	
Installation   Cable Cable identification	620
•	
Cable identification	620
Cable identification Cable Type	620 2
Cable identification Cable Type Jacket Color	620 2 black
Cable identification Cable Type Jacket Color Type of Certificate	620 2 black cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	620 2 black cURus 1
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	620 2 black cURus 1 3 wires twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	620 2 black cURus 1 3 wires twisted brown, black, blue
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC   3
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC   3   1,25 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC   3   1,25 mm   ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC   3   1,25 mm   ± 5 %   43 ± 5 Shore D
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	620   2   black   cURus   1   3 wires twisted   brown, black, blue   26,62 g/m   PUR   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   4,3 mm   ± 5 %   PVC   3   1,25 mm   ± 5 %   43 ± 5 Shore D   good machinability

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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
Travel speed (C-track)	2 Mio. @ 25 °C
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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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