

M8 male 0° / M12 female 0° A-cod.

PUR 3x0.25 bk UL/CSA 0.45m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female straight

M8 - M12, 3-pole

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

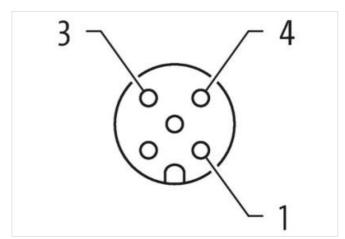
Plastic housings with good resistance against chemicals and oils.

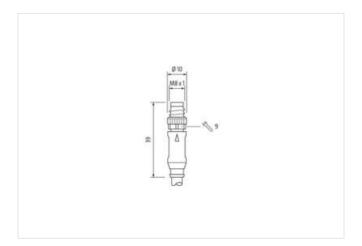
The resistance to aggressive media should be individually tested for your application. Further details on request.

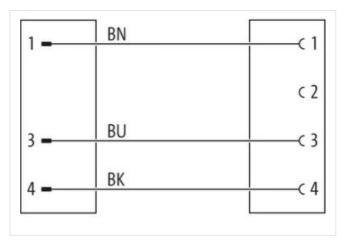
Link to Product

Illustration





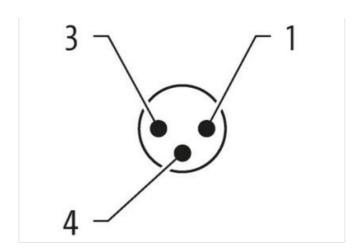






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Product may differ from Image











Cable length	0,45 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	4048879124003
Packaging unit	1
Electrical data Supply	
	FO.V
Operating voltage AC max.	50 V
Operating voltage DC max. Operating voltage AC (UL-listed)	60 V 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)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	T
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	
•	DIN EN 04070 0 404 (M40). DIN EN 04070 0 444 (M0)
Product standard	DIN EN 61076-2-101 (M12), 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
Stranding wire arrangement	3 wires twisted brown, black, blue
Stranding wire arrangement Traversing distance (C-track)	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track)	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket Shore hardness jacket	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 %
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 % PVC
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 % PVC 3
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) 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	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 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
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) 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	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 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 %
Stranding wire arrangement Traversing distance (C-track) Travel speed (C-track) 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	3 wires twisted brown, black, blue 5 m @ 25 °C horizontal 2 Mio. @ 25 °C 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



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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	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