

M8 male 0° / M12 female 90° A-cod. LED

PUR 3x0.25 bk UL/CSA 0.3m

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

Male straight - female 90°

M8 - M12, 3-pole

2× LED (PNP), (NPN) on request

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

Further cable lengths on request.

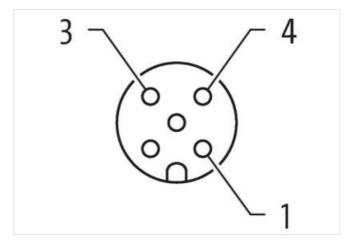
Plastic housings with good resistance against chemicals and oils.

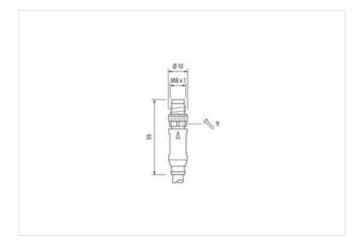
The resistance to aggressive media should be individually tested for your application. Further details on request.

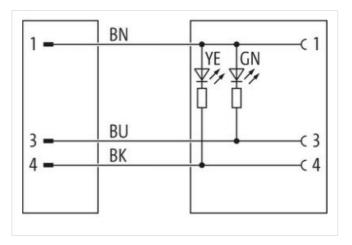
Link to Product

Illustration



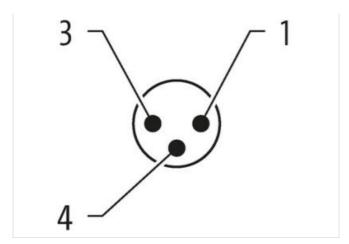


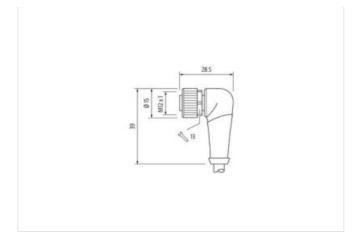






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Product may differ from Image











Fightening torque 0.4 Nm Jounting method inserted, screwed Joating contact gold plated Family construction form M8 Hrhead M8 x 1 Juitable for corrugated tube (internal Ø) 6,5 mm Joding A Alaterial contact Copper alloy No. of poles 3 Nikith across flats SW9 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated armily construction form M12 Thread M12 x 1 uitable for corrugated tube (internal Ø) 10 mm Coding A Alaterial contact Copper alloy No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27269311	Cable length	0,3 m
Inserted Inserted	Side 1	
Coating contact gold plated amily construction form M8 Thread M8 x 1 witable for corrugated tube (internal Ø) 6.5 mm Coding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 Side 2 Tightening torque 0.6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 witable for corrugated tube (internal Ø) 10 mm Doding A Alaterial contact Copper alloy No. of poles 3 Width across flats SW13 Commercial data 27279218 CCLASS-6.1 27279218 CCLASS-6.2 27279218 CCLASS-8.0 27279218 CCLASS-9.0 2706311	Tightening torque	0,4 Nm
Family construction form M8 Thread M8 x 1 utilable for corrugated tube (internal Ø) 6,5 mm Jocoting A Material contact Copper alloy Jo. of poles 3 Vidth across flats SW9 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Joaning contact gold plated amily construction form M12 Thread M12 x 1 Linead M12 x 1 Louitable for corrugated tube (internal Ø) 10 mm Loding A Adaterial contact Copper alloy Jo. of poles 3 Vidth across flats SW13 Colass-6.0 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27600311	Mounting method	inserted, screwed
Thread M8 x 1 witable for corrugated tube (internal Ø) 6,5 mm Joding A Alaterial contact Copper alloy Jo. of poles 3 Width across flats SW9 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Joaning contact gold plated Family construction form M12 Thread M12 x 1 Thread M12 x 1 Unitable for corrugated tube (internal Ø) 10 mm Joding A Material contact Copper alloy No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Coating contact	gold plated
Luitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy Vo. of poles 3 Vidth across flats SW9 Side 2 Tightening torque Mounting method inserted, screwed Joating contact gold plated Firead M12 x 1 Thread M12 x 1 Internal contact Copper alloy Joo of poles 3 Joo of poles 3 Vidth across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Family construction form	M8
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 Joating contact gold plated Family construction form M12 Thread M12 x 1 Wintable for corrugated tube (internal Ø) 10 mm Joading A Alaterial contact Copper alloy No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Thread	M8 x 1
Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Doating contact gold plated armity construction form M12 Thread M12 x 1 uitable for corrugated tube (internal Ø) 10 mm Coding A Afaterial contact Copper alloy No. of poles 3 Vidth across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218	suitable for corrugated tube (internal Ø)	6,5 mm
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Side 2 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 27279218	Material contact	Copper alloy
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 Odding 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 2700011	No. of poles	3
Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Invitable 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 2706011	Width across flats	SW9
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Luitable 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-7.0 27279218 ECLASS-8.0 2779218 ECLASS-9.0 27060311	Side 2	
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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	Coating contact	gold plated
Coding A Copper alloy No. of poles 3 SW13 Commercial data Copper alloy Copper all	Family construction form	M12
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	Thread	M12 x 1
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	suitable for corrugated tube (internal Ø)	10 mm
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	Coding	A
Width across flats SW13 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Material contact	Copper alloy
Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	No. of poles	3
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Width across flats	SW13
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Commercial data	
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311	ECLASS-6.1	27279218
ECLASS-9.0 27060311	ECLASS-7.0	27279218
0700044	ECLASS-8.0	27279218
CLASS-10.1 27060311	ECLASS-9.0	27060311
	ECLASS-10.1	27060311
ECLASS-11.1 27060311	ECLASS-11.1	27060311
ECLASS-12.0 27060311	ECLASS-12.0	27060311



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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879121835
Packaging unit	1
Electrical data Supply	
	OAV.
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed) Current operating per contact max.	30 V 4 A
	4 A
Diagnostics	
Status indication LED	green, yellow
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	0,8 kV
Material group (IEC 60664-1)	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	
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
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 ²
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)	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