

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

PUR 3x0.25 gy UL/CSA 0.3m

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

Male straight – female straight M8 – M12, 3-pole 2× LED (PNP), (NPN) on request

Further cable lengths on request.

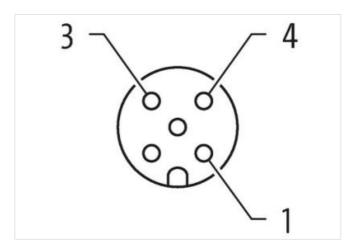
Plastic housings with good resistance against chemicals and oils.

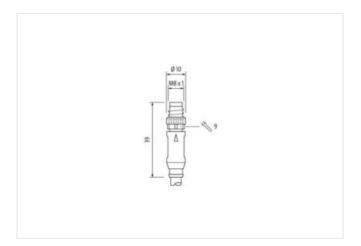
The resistance to aggressive media should be individually tested for your application. Further details on request.

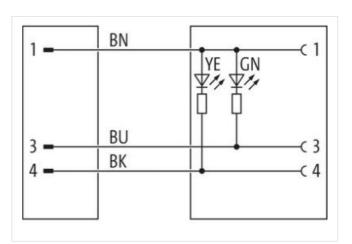
## **Link to Product**

## Illustration



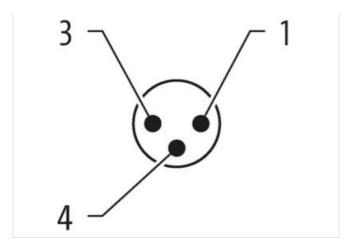


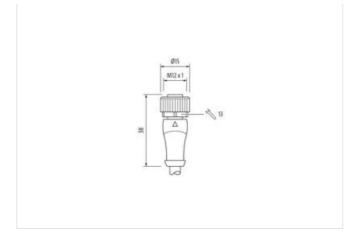






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Product may differ from Image











Family construction form M8  Thread M8 x 1  Suitable for corrugated tube (internal Ø) 6,5 mm  No. of poles 3  Width across flats SW9  Side 2  Tightening torque 0,6 Nm  Family construction form M12  Thread M12 x 1  Suitable for corrugated tube (internal Ø) 10 mm  No. of poles 3  Width across flats SW13  Commercial date  ECLASS-6.0 27279218  ECLASS-6.1 27279218  ECLASS-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-1.1 27060311  ECLASS-1.2 27060311  ECLASS-1.3 27060311  ECLASS-1.3 27060311  ECLASS-1.3 27060311  ECLASS-1.4 27060311  ECLASS-1.5 27060311  ECL	Cable length	0,3 m
Family construction form M8  Thread M8 x 1  Suitable for corrugated tube (internal 0) 6,5 mm  No. of poles 3  Width across flats SW9  Side 2  Tightening torque 0,6 Nm  Family construction form M12  Thread M12 x 1  Suitable for corrugated tube (internal 0) 10 mm  No. of poles 3  Width across flats SW13  Commercial data  ECLASS-6.0 27279218  ECLASS-6.1 27279218  ECLASS-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-1.1 27060311  ECLASS-1.2 27060311  ECLASS-1.3 27060311  ECLASS-1.4 27060311  ECLASS-1.5 27060311  ECL	Side 1	
Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm  No. of poles 3  Width across flats SW9  Side 2  Tightening torque 0,6 Nm  Family construction form M12  Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm  No. of poles 3  Width across flats SW13  Commercial date  ECLASS-6.0 27279218  ECLASS-6.1 27279218  ECLASS-6.1 27279218  ECLASS-9.0 27279218  ECLASS-9.0 27279218  ECLASS-9.0 27279218  ECLASS-9.0 27060311  ECLASS-1.1 27060311  ECLASS-1.1 27060311  ECLASS-1.1 27060311  ECLASS-1.2 27060311  ECLASS-1.3 27060311  ECLASS-1.1 27060311  ECLASS-1.0 EC001855  coustoms tariff number 85444290  GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC Min. 18 V	Tightening torque	0,4 Nm
suitable for corrugated tube (internal Ø) 6,5 mm  No. of poles 3  Width across flats SW9  Side 2  Tightening torque 0,6 Nm Family construction form M12  Thread M12 x 1  suitable for corrugated tube (internal Ø) 10 mm  No. of poles 3  Width across flats SW13  Commercial dat  ECLASS-6.0 27279218  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27279218  ECLASS-9.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060311  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 4048879123761  Packaging unit 1  ELectrical data   Supply Operating voltage DC Min. 18 V	Family construction form	M8
No. of poles         3           Width across flats         SW9           Side 2           Tightening torque         0.6 Nm           Family construction form         M12           Thread         M12 x 1           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-6.2         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.0         27060311           ECLASS-1.0         27060311           ECLASS-1.0         4048879123761           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V	Thread	M8 x 1
Side 2	suitable for corrugated tube (internal Ø)	6,5 mm
Side 2           Tightening torque         0,6 Nm           Family construction form         M12           Thread         M12 x 1           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           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879123761           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V	No. of poles	3
Tightening torque         0,6 Nm           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           No. of poles         3           Width across flats         SW13           Commercial data           ECLASS-6.0           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECOM355           customs tariff number         85444290           GTIN         4048879123761           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V	Width across flats	SW9
Family construction form M12  Thread M12 x 1  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  ECLASS-9.0 27060311  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-17.0 EC001855  customs tarriff number 85444290  GTIN 4048879123761  ELectrical data   Supply  Operating voltage DC 24 V  Operating voltage DC 24 V	Side 2	
Thread M12 x 1  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 27279218  ECLASS-9.0 27060311  ECLASS-9.0 27060311  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ECLASS-12.0 27060311  ELEMS-12.0 27060311  E	Tightening torque	0,6 Nm
suitable for corrugated tube (internal ∅) 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-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879123761  Electrical data   Supply  Operating voltage DC	Family construction form	M12
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-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ECLASS-17.0 27	Thread	M12 x 1
Width across flats         SW13           Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218         ECLASS-7.0         27279218           ECLASS-7.0         27279218         ECLASS-8.0         ECLASS-8.0         ECLASS-9.0         ECLASS-9.0         ECLASS-9.0         ECLASS-9.0         ECLASS-10.1         ECLASS-10.1         ECLASS-10.1         ECLASS-11.1         ECLASS-11.1         ECLASS-11.1         ECLASS-12.0         ECLASS-12.0<	suitable for corrugated tube (internal Ø)	10 mm
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         4048879123761           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V	No. of poles	3
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-11.1 27060311 ECLASS-11.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	Width across flats	SW13
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-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC	Commercial data	
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 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC	ECLASS-6.0	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 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ECLASS-6.1	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 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ECLASS-7.0	27279218
ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855 customs tariff number 85444290  GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ECLASS-8.0	27279218
ECLASS-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ECLASS-9.0	27060311
ECLASS-12.0 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ECLASS-10.1	
ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879123761  Packaging unit 1  Electrical data   Supply Operating voltage DC 24 V Operating voltage DC min. 18 V	ECLASS-12.0	
GTIN 4048879123761  Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	customs tariff number	85444290
Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V	GTIN	4048879123761
Operating voltage DC 24 V Operating voltage DC min. 18 V	Packaging unit	1
Operating voltage DC min. 18 V	Electrical data   Supply	
	Operating voltage DC	24 V
Operating voltage DC max. 30 V	Operating voltage DC min.	18 V
	Operating voltage DC max.	30 V

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



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Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, yellow
	green, yenow
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)	I and the second
Mechanical data   Material data	
Coating locking nut	nickel plated
Locking screw coating	nickel plated
Material housing	PUR
Locking nut material	Zinc die-casting
Locking material screw	Brass
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	220
Cable Type	2
Jacket Color	gray
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 <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)	80 °C
Operating temperature min. (dynamic)	-5 °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 (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter