

## M12 male 0° / M12 female 0°

PUR 5x0.75 gy UL/CSA+drag ch. 1.5m

Male straight – female straight M12 – M12, 5-pole with cable sleeves

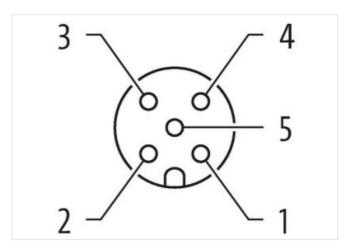
Plastic housings with good resistance against chemicals and oils.

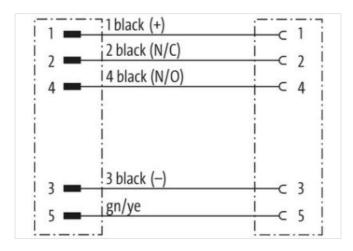
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

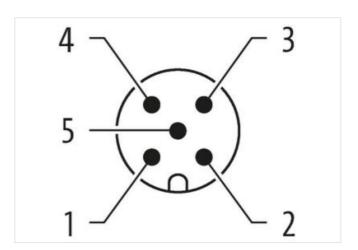
## **Link to Product**

## Illustration



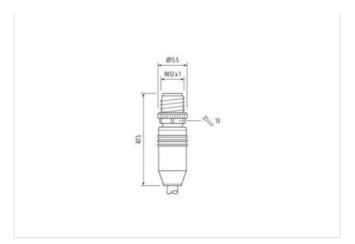


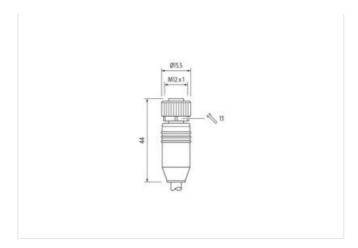






stay connected





Product may differ from Image













Family construction form M12 Thread M12 x 1 Coding A No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP67  Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A No. of poles 5  Commercial data  ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879343862 Packaig in voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V	Cable length	1,5 m
Family construction form M12 Thread M12 x 1 Coding A No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP67  Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A No. of poles 5 S Coding A No. of poles S S Coding A No. of poles S S Commercial dat  ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879343862 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V	Side 1	
Thread M12 x 1 Coding A No. of poles 5 With across flats SW13 Degree of protection (EN IEC 60529) IP67  Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A No. of poles 5  Commercial data  ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27600311 ECLASS 1.1 27060311 ECLASS 1.1 27060311 ECLASS 1.2 0 27060311 ECLASS 1.3 0 ECO001855 customs tariff number 85444290 GTIN 4048879343862 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V	Tightening torque	0,6 Nm
Coding         A           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2           Tightening torque         0.6 Nm           Family construction form         M12           Thread         M12 x 1           Coding         A           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         404879343862           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         125 V           Operating voltage PC max.         125 V           Operating voltage AC (UL-listed)         30 V	Family construction form	M12
No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         Provided in the protection of the protection form         M12           Tightening torque         0.6 Nm           Family construction form         M12           Thread         M12 x 1           Coding         A           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879343862           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	Thread	M12 x 1
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         Tightening torque         0,6 Nm           Family construction form         M12           Thread         M12 x 1           Coding         A         No. of poles         5           Commercial data           ECLASS-6.0         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           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V	Coding	A
Degree of protection (EN IEC 60529)         IP67           Side 2         Commercial form         M12           Thread         M12 x 1         M12           Coding         A         A           No. of poles         5         Commercial data           ECLASS-6.0         27279218         ECLASS-7.0           ECLASS-7.0         27279218         ECLASS-9.0           ECLASS-9.0         27060311         ECLASS-9.0           ECLASS-10.1         27060311         ECLASS-11.1           ECLASS-12.0         27060311         ECLASS-12.0           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V	No. of poles	5
Side 2           Tightening torque         0,6 Nm           Family construction form         M12           Thread         M12 x 1           Coding         A           No. of poles         5           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECO11855           customs tariff number         85444290           GTIN         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	Width across flats	SW13
Tightening torque 0,6 Nm  Family construction form M12  Thread M12 x 1  Coding A No. of poles 5  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-9.0 27279218  ECLASS-9.0 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879343862  Packaging unit 1  ELectrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V	Degree of protection (EN IEC 60529)	IP67
Family construction form         M12           Thread         M12 x 1           Coding         A           No. of poles         5           Commercial data           ECLASS-6.0         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         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V	Side 2	
Thread         M12 x 1           Coding         A           No. of poles         5           Commercial data           ECLASS-6.0         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         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	Tightening torque	0,6 Nm
Coding         A           No. of poles         5           Commercial data           ECLASS-6.0         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         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	Family construction form	M12
No. of poles       5         Commercial data         ECLASS-6.0       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       4048879343862         Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       125 V         Operating voltage DC max.       125 V         Operating voltage AC (UL-listed)       30 V	Thread	M12 x 1
Commercial data           ECLASS-6.0         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         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	Coding	A
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 4048879343862  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V	No. of poles	5
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 4048879343862  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V	Commercial data	
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 4048879343862  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V	ECLASS-6.0	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 4048879343862  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 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 4048879343862  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V	ECLASS-8.0	27279218
ECLASS-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879343862  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage AC (UL-listed) 30 V	ECLASS-9.0	27060311
ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879343862         Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       125 V         Operating voltage DC max.       125 V         Operating voltage AC (UL-listed)       30 V	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879343862           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V	ECLASS-12.0	27060311
GTIN       4048879343862         Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       125 V         Operating voltage DC max.       125 V         Operating voltage AC (UL-listed)       30 V	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage DC max. 125 V  Operating voltage AC (UL-listed) 30 V	customs tariff number	85444290
Electrical data   Supply  Operating voltage AC max. 125 V  Operating voltage DC max. 125 V  Operating voltage AC (UL-listed) 30 V	GTIN	4048879343862
Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V	Packaging unit	1
Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V	Electrical data   Supply	
Operating voltage AC (UL-listed) 30 V	Operating voltage AC max.	125 V
	Operating voltage DC max.	125 V
Operating voltage DC (UL-listed) 30 V	Operating voltage AC (UL-listed)	30 V
	Operating voltage DC (UL-listed)	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: 2024-05-05



stay connected

Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
'	Mishalad
Coating locking	Nickeled
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	2.1. 2.1. 3.1. 3. 2. 1. 3. (u.i.2)
·	000
Cable identification	3
Cable Type  Printing color of wire insulation	white (isolation black)
Jacket Color	
Type of Certificate	gray cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	
wire arrangement	black 1, black 2, black 3, green-yellow, black 4
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	81,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP PP
Amount wires	5
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
	-,
Conductor crosssection (wire)	0,75 mm <sup>2</sup>



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	8,4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min