

## M12 female 0° with cable AIDA

PUR 5x0.34 ye UL/CSA+robot+drag chain 2m

Customized printing and packaging Female straight M12, 5-pole with cable sleeves

Zinc die casting, save-cover coated

Plastic housings with good resistance against chemicals and oils.

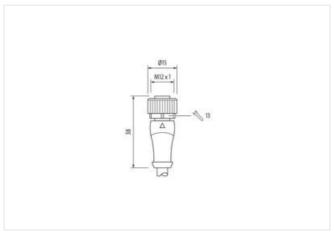
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

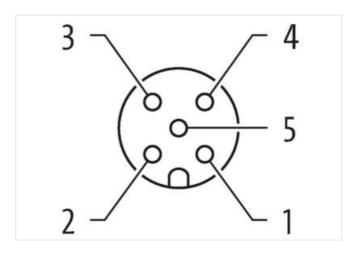
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

2 m

Side 1



stay connected

Mariesta contraction from	Mounting method	inserted, screwed
Material contact	Coating contact	gold plated
No. of poles 5 Commercial data ECLASS 0. 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 2779218 ECLASS 8.0 270903311 ECLASS 8.10.1 27090311 ECLASS 9.10.2 27090311 ECLASC	Family construction form	M12
Commercial data         Commercial data           ECLASS-8.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27090311           ECLASS-9.0         27090311           ECLASS-11.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ETIM-5.0         EC01855           oustoons stoff number         6844290           GTIN         40487882892           Packaging untel         10           Electrical data [Suppt)         Feberiage voltage AC max.           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Pervice protection [Electrical         Fevrice protection [Electrical           Evice protection properature in protection [Electrical         Fevrice protection [Electrical           Operating synthegrature max.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on sharding radiu when laying cables, as the IP protection class can be original rangement           Note on bending radiu         Attention: Cibserve the permissible bending radii when laying cables, as the IP protection c	Material contact	Copper alloy
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ECLASS 8.0 27279218  ECLASS 9.0 27060311  ECLASS 11.1 27060311  ECLASS 11.1 27060311  ECLASS 11.1 27060311  ECLASS 11.1 27060311  ECLASS 12.0 27060311  ETM 5.0 ECON 855  customs starff number 85444290  GTIN 404879832892  Packaging unit 10  Electrical data   Supply  Operating voltage P.C max. 125 V  Device protection   Electrical  Pollution Degree 3 3  Rated surge voltage 1,5 kV  Material group (EC 60664-1) 1  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating rolling temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protection sharing relief where the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Alternitor: Coserve the permissible bending radii when laying cables, as the IP protection diass can be ordangered by excessive boding forces.  Installation   Cable  were arrangement brown, black, blue, white, gray  Cable identification 058  Cable Type 5  Salcekt Color yellow  Type of Certificate UPUs  Amount stranding 1  Swine arrangement brown, black, blue, white, gray  Cable weigh 41,8 gm  Material gicket PUS  Freedom from ingredients (jacket) 1948  Environment (jacket) 5 °S  Freedom from ingredients (jacket) 5 °S  Material picket of Freedom from ingredients (jacket) 5 °S  Material picket of Freedom from ingredients (jacket) 5 °S  Material picket of Freedom from ingredients (jacket) 5 °S  Material were insulation PP  Protect dramater (selath) 5 °S  Material picket of Freedom from ingredients (jacket) 5 °S  Material were insulation 7 PP  Protect dramater (selath) 5 °S  Material were insulation 7 PP  Protect dramater (selath) 5 °S  Material were insulation 7 PP  Andount wires 5 °S  Duter dramater (selath) 5 °S  Material were insulation 7 PP		
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ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879832892           Packaging unit         10           Electrical data   Suppty           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Device protection   Electrical           Foliution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 80664-1)         I           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 releaf         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ities.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by exossive bending forces.           Installation [ Cable           Write arrangement         brown, black, blue, white, gray           Cable intermination         OSE <tr< td=""><td>ECLASS-11.1</td><td>27060311</td></tr<>	ECLASS-11.1	27060311
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Operating voltage AC max. 125 V Operating voltage DC max. 125 V  Device protection   Electrical  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Environmental characteristics   Climatic Operating temperature min25 °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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white, gray Cable identification 058 Cable Type 5 Salacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes Wellow Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket   Furnament Purchase   See		
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Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1  Environmental characteristics   Climatio  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on brain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white, gray Cable identification 058 Cable Type 5 Jacket Color yellow Type of Carlificate cURus  Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes  wire arrangement brown, black, blue, white, gray Cable weight 41,8 g/m  Material jacket PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5 5  Outer diameter insulation 1,25 mm		
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Cable Type 5 Jacket Color yellow Type of Certificate cURus  Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray  Cable weigth 41,8 g/m Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP  Amount wires 5 Outer diameter insulation 1,25 mm		
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Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm	Cable weigth	41,8 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Amount wires  5  Couter diameter insulation  PP  Anount wires  5  Outer diameter insulation  1,25 mm	Material jacket	PUR
Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm	Shore hardness jacket	58 ± 3 Shore D
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm	Outer-diameter (jacket)	5 mm
Amount wires 5 Outer diameter insulation 1,25 mm	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm	Material wire insulation	PP
	Amount wires	5
Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%



Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
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	60 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 § 1100 FT2   UL 1581 § 1090   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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min