

## M12 female 0° A-cod. with cable

PVC 4x0.34 bk UL/CSA 8m

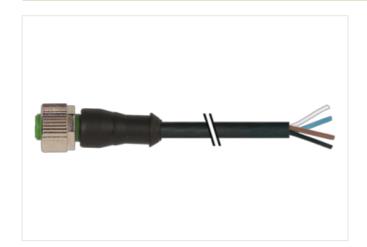
Female straight M12, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

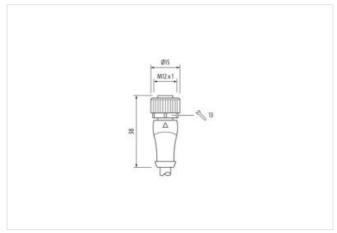
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

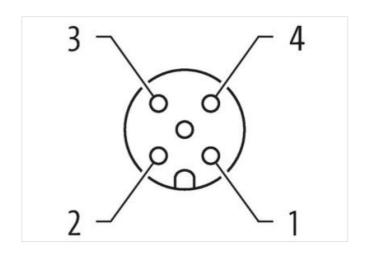
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

8 m

Side 1

Tightening torque 0,6 Nm



stay connected

Family construction form	Nounting method	inserted, screwed
suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial dats           ECLASS-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         2001855           customs tariff number         85444290           GTIN         4048879453288           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           <	amily construction form	M12
Coding		M12 x 1
Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial date         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         ECLASS-12.0           ETIM-5.0         EC001855         Customs fariff number         85444290           GTIN         4048879453288         Packaging unit         1           Electrical data   Supply         Packaging voltage AC max.         250 V           Operating voltage AC max.         250 V         Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V         Operating port contact max.         4 A           Installation   Connection         M12 x 1         Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3         Rt.           Device protection   Electrical         A         A           Material growth (EC 60684-1)         I         I           Mechanical data   Material data <td><u> </u></td> <td></td>	<u> </u>	
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218         ECLASS-8.0         27279218           ECLASS-8.0         277060311         ECLASS-9.0         27060311           ECLASS-10.1         27060311         ECLASS-11.1         27060311           ECLASS-12.0         27060311         ECLASS-12.0         ECO01855           Customs tariff number         85444290         SA44290           GTIN         4048879453288         Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V         Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V         Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V         Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V         Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V         Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V         Operating voltage AC (UL-listed)	oding	
Degree of protection (EN IEC 60529)   IP65, IP66K, IP67		
Commercial data		
ECLASS-6.0 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-12.0 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC00315  ETIM-5.0 EC00315  ETIM-5.0 EC00316  ETIM-5.0 TO EC00316  ETIM-5.0 EC00316  ETIM-5.0 EC00316  ETIM-5.0 EC00316  ETIM-5.0 O EC00316  ETIM	egree of protection (EN IEC 60529)	IP65, IP66K, IP67
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         4048879453288           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Muterial proper contact max.         4 A           Device protection   Electrical           Additional condition protection degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting  <	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27660311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879453288           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting <td>CLASS-6.0</td> <td>27279218</td>	CLASS-6.0	27279218
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ECLASS-10.1   27060311   ECLASS-11.1   27060311   ECLASS-12.0   27060311   ECLASS-12.0   27060311   ETIM-5.0   EC001855   ECCAS   ECCAS   ECCAS   ECCAS   ECO01855   ECCAS	CLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879453288           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting	CLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879453288           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mu12 x 1           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating locking           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting	CLASS-10.1	27060311
ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4048879453288 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3  Rated surge voltage 2,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting	CLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879453288 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3  Rated surge voltage 2,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting	CLASS-12.0	27060311
GTIN 4048879453288  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 250 V  Operating voltage DC max. 250 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	TIM-5.0	EC001855
Packaging unit    Electrical data   Supply	ustoms tariff number	85444290
Electrical data   Supply  Operating voltage AC max. 250 V  Operating voltage DC max. 250 V  Operating voltage AC (UL-listed) 30 V  Operating voltage AC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting	TIN	4048879453288
Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	ackaging unit	1
Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Vickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	Electrical data   Supply	
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Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		250 V
Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Crown connection Zinc die-casting  Material screw connection Zinc die-casting		30 V
Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		30 V
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Current operating per contact max.	4 A
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Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		M12 x 1
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Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	• -	
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting		
Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting		
Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	·	Niekeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting		
Material screw connection Zinc die-casting		· · · · · · · · · · · · · · · · · · ·
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Mechanical data   Modulting data		End die dating
Mounting method		inserted earning Challing protection
Mounting method inserted, screwed, Shaking protection		іпѕетеа, ѕстеwеа, ъпакіпд рготестіоп
Environmental characteristics   Climatic	·	
Operating temperature min25 °C		
Operating temperature max. 85 °C	· · · · · · · · · · · · · · · · · · ·	
Additional condition temperature range depending on cable quality	dditional condition temperature range	depending on cable quality
Conformity	Conformity	
Product standard DIN EN 61076-2-101 (M12)	roduct standard	DIN EN 61076-2-101 (M12)
Installation   Cable	Installation   Cable	
Cable identification 614		014
Cable Type 1	able identification	614
Jacket Color black		

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: 2024-04-25



stay connected
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Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	40,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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 § 1090   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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter