

## M12 male 0° A-cod. with cable shielded

PUR 3x0.34 shielded gy 1,7m

## **⚠ NOTICE ⚠** PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight

M12, 3-pole

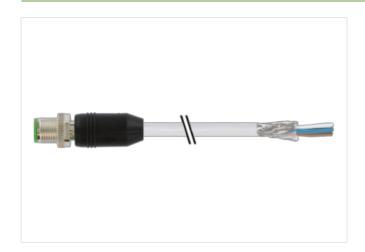
shielded

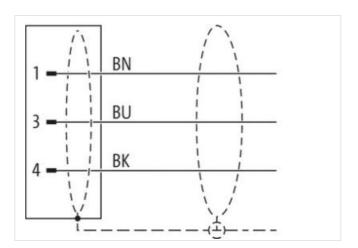
Plastic housings with good resistance against chemicals and oils.

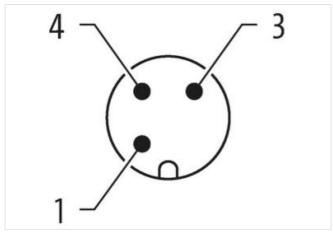
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

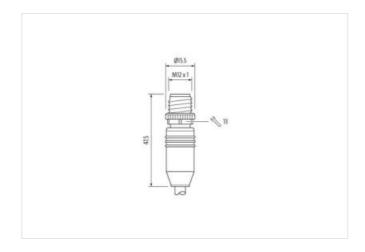
## **Link to Product**

## Illustration









Product may differ from Image











stay connected

Tightening torque	Cable length	1,7 m
	Side 1	
Description   Miscontent   Mi	Tightening torque	0,6 Nm
Earnily construction form M12 x 1 Deciring A M12 x 1 Deciring A Authorist contact Copper alloy Contact Conta	Mounting method	inserted, screwed
Marcial	Coating contact	gold plated
Adaterial contact Copper alloy Absterial contact Copper alloy Absterial contact Copper alloy Absterial contact PUR  8.0 of poles 3  8.0 of poles 3  8.0 of poles 3  8.0 of poles 5  8.0 of poles 6  8.0 of poles 6  8.0 of poles 7  8.0 of poles 6  8.0 of poles 6  8.0 of poles 7  8.0 of poles 7  8.0 of poles 7  8.0 of poles 8  8.0 of poles 9  8.0 of pol	Family construction form	M12
Material   PUR   Material   Mat	Thread	M12 x 1
Material   PUR	Coding	A
Accord poles   3	Material contact	Copper alloy
Midth across flats	Material	PUR
Pegs of protection (EN IEC 60529)   Pe65, IP66K, IP67	No. of poles	3
Side 2           Stripping length (jacket)         20 mm           Coaling contact         gold plated           Commercial date           CCLASS-6.0         27279218           CCLASS-6.1         27279218           CCLASS-7.0         27279218           CCLASS-9.0         2779218           CCLASS-9.0         27060311           CCLASS-10.1         27060311           CCLASS-11.1         27060311           CCLASS-12.0         27090311           CCLASS-12.0         27090311           CCLASS-17.1         27060311           CCLASS-18.0         E000485           Use box	Width across flats	SW13
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	Side 2	
Commorbial data	Stripping length (jacket)	20 mm
CLASS-6.0   27279218   CLASS-6.0   27279218   CLASS-6.1   27279218   CLASS-6.1   27279218   CCLASS-6.1   27279218   CCLASS-8.0   27279218   CCLASS-8.0   27279218   CCLASS-9.0   27060311   CCLASS-9.0   27060311   CCLASS-1.1   27060311   CCLASS-1.1.1   27060311   CCLASS-1.1.1   27060311   CCLASS-1.1.1   27060311   CCLASS-1.1.1   27060311   CCLASS-1.0	Coating contact	gold plated
CLASS-6.0   27279218   CLASS-6.1   27279218   CCLASS-7.0   27279218   CCLASS-7.0   27279218   CCLASS-8.0   27279218   CCLASS-9.0   27060311   CCLASS-9.0   27060311   CCLASS-10.1   27060311   CCLASS-10.1   27060311   CCLASS-11.1   27060311   CCLASS-12.0   CCLASS-1	·	
CLASS-6.1   27279218   CLASS-7.0   27279218   CCLASS-9.0   27279218   CCLASS-9.0   27260311   CCLASS-9.0   27060311   CCLASS-10.1   27060311   CCLASS-11.1   27060311   CCLASS-10.0   27060311   CCLASS-10.0   CCONTROLOGY   CCLASS-11.1   27060311   CCLASS-10.0   CCONTROLOGY   CCCASS-11.1   27060311   CCLASS-10.0   CCCASS-11.1   27060311   CCCASS-11.1   27060311   CCCASS-11.1   27060311   CCCASS-11.1   27060311   CCCASS-11.1   CCCASS-11.1   27060311   CCCASS-11.1		07070010
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CLASS-8.0   27279218		
CLASS-9.0   27060311   CLASS-10.1   27060311   CLASS-10.1   27060311   CLASS-10.1   27060311   CLASS-11.1   27060311   CLASS-11.1   27060311   CLASS-12.0   27060311   CLASS-12.0   27060311   CLASS-12.0   CLASS-1		
CLASS-1.1   27060311		
ECLASS-11.1 27060311  ECLASS-12.0 27060311  ETIM-5.0 EC001855  usutoms tariff number 85444290  STIN 4048879570015  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 60 V  Deparating voltage AC max. 60 V  Deparating voltage PC max. 4A  Diagnostics  Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Adounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Additional condition for operating without without Machanical data   Material data  Machanical data   Material data  Docating locking Nickeled  Jacket al grow connection Inserted and Inserted Inserted and Inserted Inserted and Inserted Inserted Additional Confidence Inserted and Inserted Acceptance Ins		
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ETIM-5.0 EC001855 ustoms tariff number 85444290 3TIN 404887957015 2ackaging unit 1  Electrical data   Supply Deparating voltage AC max. 60 V Deparating voltage DC max. 60 V Deparating voltage DC max. 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical  voltion protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Alaterial group (IEC 60664-1) 1  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data Coating locking niting incikel plated Coating locking incikel plated Coating locking incikel plated Coating locking niting		
sustoms tariff number 85444290  STIN 4048879570015 Packaging unit 1  Electrical data   Supply  Deperating voltage AC max. 60 V  Deperating voltage DC max. 60 V  Durrent operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Conting of fitting nickel plated  Cocking material Zinc die-casting  Adaterial screw connection Zinc die-casting  Afaterial screw connection Zinc die-casting		
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Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated  Locking material  Material screw connection Zinc die-casting	Stripping length (jacket)	20 mm
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Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  cocking material  Zinc die-casting  Material screw connection  Nickeled  Zinc die-casting		
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Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Mechanical data   Material data	
Cocking material Zinc die-casting  Material screw connection Zinc die-casting	Coating locking	Nickeled
Material screw connection Zinc die-casting	Coating of fitting	· · · · · · · · · · · · · · · · · · ·
<u>-</u>	Locking material	
Mechanical data   Mounting data	Material screw connection	Zinc die-casting
	Mechanical data   Mounting data	



Mounting method inserted, screwed, Shaking protection

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Environmental characteristics   Climatic	c
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	<b>Attention:</b> 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	
Cable identification	318
Jacket Color	gray
Amount stranding	1
Stranding	3 wires twisted
Cable shielding (type)	copper braiding, bare
Cable shielding (coverage)	85 %
wire arrangement	brown, blue, black
Material jacket	PUR
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Conductor crosssection (wire)	0,34 mm²
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter