

## M12 male 0° A-cod. with cable

PVC 4x0.34 gy UL/CSA 3m

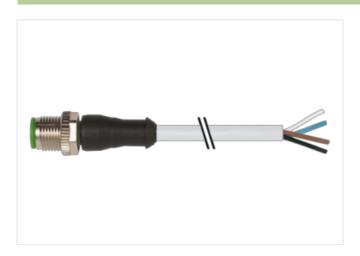
Male straight M12, 4-pole with cable sleeves

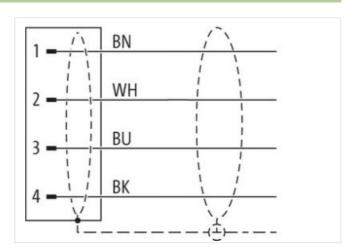
Plastic housings with good resistance against chemicals and oils.

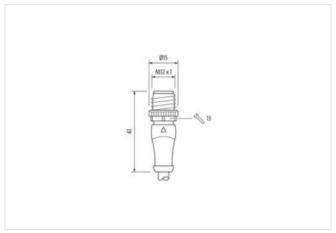
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

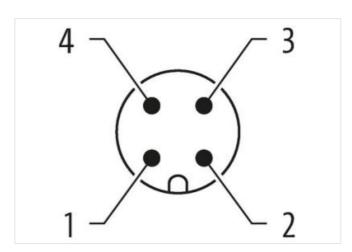
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

3 m

Side 1

Tightening torque 0,6 Nm



stay connected

Family contraction form	Mounting method	inserted, screwed
Solitable for corrugated tube (internal 69)	Family construction form	M12
Cading	Thread	M12 x 1
Meterial         PUR           Witth across files         SW13           Degree of protection (EN IEC 60529)         IPBS, IP66K IP67           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.0         2600185           ECLASS 9.0         27090311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.0         2001855           outcons staff number         85444290           GTIN         4048673218498           Packaging unit         1           Electrical data [ Supply         250 V           Operating vollage AC max.         250 V           Operating vollage AC mix.         250 V           Operating vollage AC [ULisido]         30 V           Current operating vollage AC [ULisido]         30 V           Operating vollage AC [ULisido]         30 V           Device protection [ Electrical         30 V	suitable for corrugated tube (internal Ø)	10 mm
With across fats         WH3           Dagres of protection (EN IEC 00529)         PBS, IPG6K, IPG7           Commercial date         ECLASS 6.0         27278218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27200311           ECLASS 9.0         2700311           ECLASS 9.1         2700311           ECLASS 9.1         2700311           ECLASS 9.2         2700311           ECLASS 9.2         2700311           ECLASS 9.1         2700311           ECLASS 9.2         2700311           ECLASS 9.1         2700311           ECLASS 9.2         2700311           ECLASS 9.1         2700311           ECLASS 9.2         25001           GTIN         44837221498           ECLASS 9.2         250 V           Operating voltage AC reac         250 V           Operating voltage DC reac         250 V <t< td=""><td>Coding</td><td>A</td></t<>	Coding	A
Personal Protection (EN IEC 80529)	Material	PUR
Commercial data         ECIASS-6.0         27279218           ECIASS-6.1         27279218           ECIASS-7.0         27279218           ECIASS-8.0         27279218           ECIASS-9.0         27060311           ECIASS-9.1         27060311           ECIASS-10.1         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ETIM-5.0         ECO01855           COUNTRY         6404879218498           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         250 V           Operating voltage AC (IU-steet)         30 V           Operating voltage DC (IU-steet)         30 V           Operating per contact max.         4 A           Installation Connection         Installation Connection           Mounting set         M12 x 1           Device protection I Electrical         Alditional condition protection degree           Pollution Degree         3	Width across flats	SW13
ECLASS 6.0         27279218           ECLASS 6.1         2779218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.0         2707031           Celastract data 1 Suppty         270704           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           Device protection   Electrical         Additional condition protection digree           Mounting set         M12 X 1	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-11.1         27000311           ECLASS-12.0         27000311           ECLASS-12.0         127000315           customs tariff number         8544290           GTIN         4048879218499           Packaging unt         1           Electrical data   Supply         1           Operating voltage AC max.         250 V           Operating voltage DC 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 PC moral contraction         4 A           Instillation   Connection         Multi X 1           Device protection   Electrical         A           Additional condition protection degree         1 inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684+1)         1           Mechanical data   Material data         Zinc die-casting	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         4048879218498           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           Current operating per contact max.         4 A           Installation   Connection         Washing and a condition protection degree           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         Xinc die-casting           Coating of fitting         nickel plated	ECLASS-6.0	27279218
ECLASS-8.0         27279518           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC08555           customs tariff number         8544290           GTIN         4048879218498           Packaging unt         1           Electrical data [Supply         1           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           Current operating per contact max.         4A           Institutional Confliction from the contract max.         4A           Mounting set         M12 x 1           Device protection [Electrical Electrical Selectrical Union 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 coasting           Material grow connection         Zinc die-cast	ECLASS-6.1	27279218
ECLASS-8.0         27278018           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         8544290           GTIN         4048879218498           Packaging unt         1           Electrical data [Supply         1           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           Current operating per contact max.         4 A           Institutional Condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664.1)         1           Micharical data   Material data         2.5 kV           Cauting locking         Nickeled           Cauting locking         Nickeled           Cauting locking ametrial         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data	ECLASS-7.0	27279218
ECLASS-1.01         27060311           ECLASS-1.20         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         408873218498           Packaging unit         1           Electrical data   Supply         February           Operating voltage AC max.         250 V           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 promotact max.         4 A           Installation   Connection         Muntal activation protection degree           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         insented, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Kckeled           Coating locking         Nickeled           Coating of titting         nickele plated           Locking material         Zinc die-casting           Metarial screw connection<	ECLASS-8.0	
ECLASS-1.01         27060311           ECLASS-1.20         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         408873218498           Packaging unit         1           Electrical data   Supply         February           Operating voltage AC max.         250 V           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 promotact max.         4 A           Installation   Connection         Muntal activation protection degree           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         insented, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Kckeled           Coating locking         Nickeled           Coating of titting         nickele plated           Locking material         Zinc die-casting           Metarial screw connection<	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048879218498           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating port port port port port port port port	ECLASS-10.1	
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048879218498           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pevice protection   Electrical         Inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inside (Conting)           Coating of lifting         nickel plated           Coating of lifting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climat		27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879218498 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage PC (IU-listed) 30 V Operating voltage II-listed PC (IU-listed) 30 V Operating voltage 2,5 kV Operating voltage 30 Nickeled Operating Integrated II-listed II-		
customs tariff number 85444290 GTIN 4048879218498 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 250 V Operating voltage DC max. 4 A  Operating voltage DC max. 4 A  Installation   Connection  Wounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Politution Degree 3 S Rated surge voltage  Rated surge voltage  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Coating affing nickel plated  Locking material   Zinc die-casting  Material screw connection   Zinc die-casting  Material screw connection   Nickel plated  Locking material   Mounting data  Material screw connection   Zinc die-casting  Material screw connection   Zinc die-casting  Material screw connection   Xinc die-casting  Mate		
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Electrical data   Supply	Packaging unit	1
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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 locking nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition 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.	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1  Pevice 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  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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 barding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Current operating per contact max.	4 A
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endangered by excessive bending forces.  Conformity	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	
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

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: 2024-05-14



## stay connected

Installation   Cable	
Cable identification	214
Cable Type	1
Jacket Color	gray
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
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
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 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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