

M12 male 0° A-cod. with cable shielded

PVC 5x0.34 shielded gy UL/CSA 6m

Male straight M12, 5-pole shielded

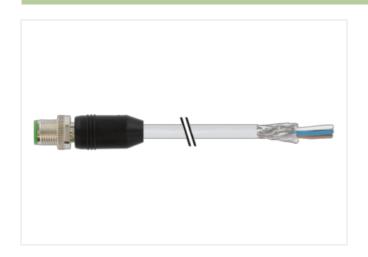
with cable sleeves

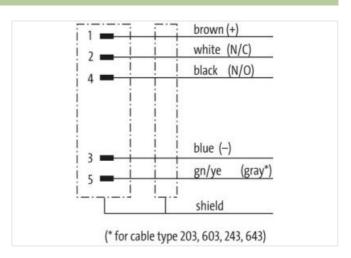
Plastic housings with good resistance against chemicals and oils.

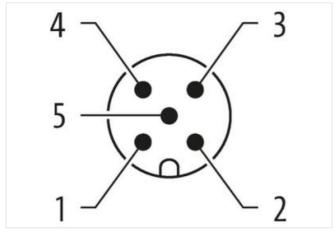
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

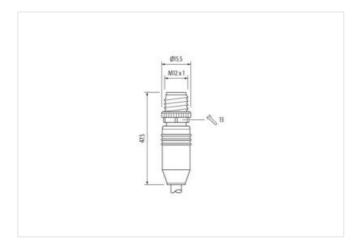
Link to Product

Illustration









Product may differ from Image













Cable length

6 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-02



stay connected

Institute Inst	Mounting mathed	incontrol payaged
Family construction from M12 Throad M12 x 1 Cuding A Material contect Coper alloy No. of poles 5 With across flats SW13 Oegree of protection (EN IEC 60629) IPES, IPESK, IPES Stote 2 With across flats Commonial flats Commonial flats Commonial flats Color Seption (CN IEC 60629) Color Seption (CN IEC 60639) Color Seption (CN IEC 60631) Color Seption (CN IEC 60631) Color Seption (CN IEC 60631) Color Seption (CN IEC 606329) Color Seption (CN IEC 606324) Color Seption (CN IEC 606341)	Mounting method	inserted, screwed
Tread		
Coding A Material confact Copperabley No. of poles 5 No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 2 Side Name Commercial data Commercial data COMPARTIAL STATE (STATE AND ASS) C279218 ECLASS-0 27279218 ECLASS-0 27279218 ECLASS-0 27279218 ECLASS-0 27279218 ECLASS-10 27090311 ECLASS-11 27080311 ECLASS-10 27090311 ECLASS-10 <th< td=""><td></td><td></td></th<>		
Material		
Material PUR		
No. of poles 5		
Width across falts SW13 Degree of protection (ENIEC 60529) IP95, IP66K, IP67 Sidie 2 Stripping length (jacket) 20 mm Coaring contact gold plaised Commercial data ECLASS 6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27260311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-12.0 27060311 PEILAS ON 60 V Operating voltage AC max 60 V Operating voltage AC max 60 V Operating voltage AC (IL-listed) 30 V Curre		
Degree of protection (EN IEC 60529) P65, IP66K, IP67	- <u> </u>	
Side 2 Stripping length (jacket) 20 mm Coating central (state) gold plated ECLASS-8-0 2278218 ECLASS-9-0 22729218 ECLASS-9-0 2776818 ECLASS-9-0 27068311 ECLASS-10.1 27068311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 Electrical data		
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact gold plated	Side 2	
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27090311 ECLASS-10.1 27090311 ECLASS-11.1 27090311 ECLASS-12.0 27090311 ECLASS-12.0 27090011 EITIM-5.0 ECOINBS5 oustoms tariff number 85444290 GTIN 4065990932867 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC mox. 60 V Instillation Connection Status indication LED Instillation Connection M12 x 1 Polition Degree 3 Rated auge voltage 1,5 kV	Stripping length (jacket)	20 mm
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27269311 ECLASS-10.1 27069311 ECLASS-10.1 27069311 ECLASS-10.1 27069311 ECLASS-10.1 27069311 ECLASS-10.0 27069311 ECLASS-10.0 27069311 ECLASS-11.1 27069311 ECLASS-12.0 27069311 ETIM-5.0 EC001855 ousbress tariff number 8544290 GTIN 4065999032387 Packaging unit 1 Electrical data [Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage BC (UL-listed) 30 V Current 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 Action of the protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Conting of fitting nickel plated Coating locking material 2 incide-castling Micerial group (IEC 60664-1) 2 incide-castling Mediarial group (IEC 60664-1) 3 incided plated Coating locking material 2 incide-castling Mechanical data Material data Coating locking material 2 incide-castling Mechanical data Munting data Mounting method inserted, screwed, Staking protection	Coating contact	gold plated
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 2709311 ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4065909032367 Packaging unit 1 Electrical data Supply 1 Operating voltage AC max 60 V Operating voltage AC max 60 V Operating voltage DC (Likested) 30 V Diagnostics Status indication LED Status indication LED no Installation Connection Stripping length (sacket) Mounting set M12 X Device protection Electrical Additional condition protection degree 3 Rated surge voltage <	Commercial data	
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 2709311 ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4065909032367 Packaging unit 1 Electrical data Supply 1 Operating voltage AC max 60 V Operating voltage AC max 60 V Operating voltage DC (Likested) 30 V Diagnostics Status indication LED Status indication LED no Installation Connection Stripping length (sacket) Mounting set M12 X Device protection Electrical Additional condition protection degree 3 Rated surge voltage <	ECLASS-6.0	27270218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 4065909032367 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V 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) 1 Mechanical data Conting toking Nickeled		
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 4065909032367 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 40 V Operating voltage DC max. 4 A Diagnostics 30 V Status indication LED no Installation Connection V Status indication LED no Installation Connection W12 x 1 Device protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Vickeled Conting forking nickel plated Locking material		
ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 EC06185 Customs tariff number 85444290 GTIN 406599032367 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage Por contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jackel) 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 Conting locking Nickeled Coating locking material		
ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4065999032367 Packaging unit 1 Electrical data Suppty Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Status indication LED Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) I Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Coatin		
ECIASS-12.0 27060311 ETIM-S.0 EC001855 customs tariff number 85444290 GTIN 4065909032367 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Current 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) 1 Mechanical data Material data Contour for corrugated hose without Mechanical dat		
ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4065909032367 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 4A 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 Material data Coating locking Nickeled Coating of fitting nickel palted Locking material Zinc die-casting Mechanical data Munting data Munting method inserted, screwed, Shaking protection		
customs tariff number 85444290 GTIN 4065909032367 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC cult-listed) 30 V Operating voltage DC (LU-listed) 30 V Operating voltage Note (LU-listed) 30 V O		
GTIN 4065909032367 Packaging unit 1 Electrical data Suppty Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage Nove Valve Valv		
Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (max. 60 V Operating voltage AC (LI-listed) 30 V Operating voltage DC (LI-listed) 30 V Current 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 Coating of fitting nickel plated Locking material correction incerting inserted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, Screwed, Shaking protection		
Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V 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 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	·	
Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V 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 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		'
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current 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 Coating locking Nickeled Coating of litting nickel pated Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current 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 Coating locking Nickeled Coating of fitting nickel plated Locking material Screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication Connection Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree 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 Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection		60 V
Current 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 Coating locking Nickeled Coating of fitting nickel plated Locking material zinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection		
Diagnostics		30 V
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 Coating locking Nickeled Coating of fitting nickel plated Locking material zince connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Current operating per contact max.	4 A
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 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	Diagnostics	
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 Coating locking Nickeled Coating of fitting nickel plated Locking material crew connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Status indication LED	no
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 Coating locking Nickeled Coating of fitting nickel plated Locking material crew connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Installation Connection	
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 Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		20 mm
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 Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		
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 Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		IVII Z X I
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 Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Device protection Electrical	
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 Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without 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	Pollution Degree	
Mechanical data Contour for corrugated hose without 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		1,5 kV
Contour for corrugated hose without 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	Material group (IEC 60664-1)	ı
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	Mechanical 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	Contour for corrugated hose	without
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	Mechanical data Material data	
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	Coating locking	Nickeled
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		nickel plated
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		· · · · · · · · · · · · · · · · · · ·
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		
Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data	
		inserted, screwed, Shaking protection
	Environmental characteristics Climatic	



stay connected

85 °C
depending on cable quality
DIN EN 61076-2-101 (M12)
203
1
·
gray
1
5 wires around Core filler twisted
copper braid, tinned
80 %
Fleece, Foil
yes
brown, black, blue, white, gray
68,2 g/m
PVC
85 ± 5 Shore A
lead-free, cadmium-free, CFC-free, silicone-free
5,6 mm
± 5 %
PVC
5
1,25 mm
± 5 %
45 ± 5 Shore D
good machinability
lead-free, cadmium-free, CFC-free, silicone-free
19
0,15 mm
0,34 mm ²
Stranded copper wire, bare
Strand class 5
300 V
to DIN VDE 0298-4
4,5 A
57 Ω/km @ 20 °C
2 kV @ 60 s
2 kV @ 60 s
2 kV @ 60 s
-30 °C
80 °C
-5 °C
80 °C
UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Good, application-related testing
Good, application-related testing
DIN EN 60811-404 Good, application-related testing