

stay connected

M12 female 0° A-cod. with cable shielded

PVC 12x0.14 shielded bk 15m

Female straight M12, 12-pole shielded

with cable sleeves

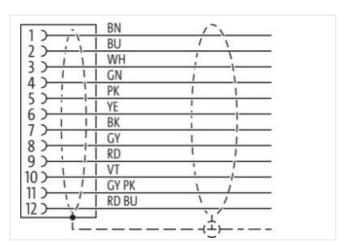
Plastic housings with good resistance against chemicals and oils.

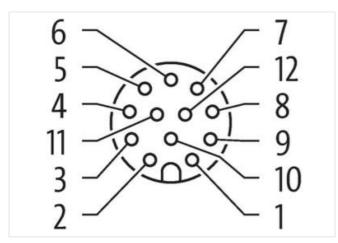
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration









Product may differ from Image











Cable length

15 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: 2024-05-18



stay connected

Material priestor Material priestor Material product Material	Manuakin su na akha al	inserted commend
Family construction from M12 Proceed M12 x 1 Coding A Material contect Copper alloy Material contect Copper alloy No. of poles 12 Width across fists SW13 Degree of protection (EN IEC 60529) IPES, IPSEK, IPSEK Coaling context gold plated Coaling context Coaling context Coaling context 2779218 Coaling context 2779218 <	Mounting method	inserted, screwed
Tread		
Coding A Material contact Copper alloy Most poles 12 No. of poles 12 Width across flats SW13 Degree of potection (EN IEC 60529) IP6s, IP66K, IP67 Side 2 Commercial data ECLASS 6.0 27273918 ECLASS 6.1 27273918 ECLASS 7.0 27000311		
Material contact Copper alloy Material PUR No of poes 12 With access files SW13 Degree of protection (EN EG 60529) P65 F, P66K, IP67 Side 2 Contract on Commercial data ECLASS 0 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27079218 ECLASS 9.0 27079218 ECLASS 9.0 27079218 ECLASS 9.0 27079318 ECLASS 9.0 27079311 ECLASS 9.0 27079311 <td></td> <td></td>		
Meterial PUR No. of poles 12 Witten across fasts SW13 Degree of protection (EN EC 60529) TP6E, IP6EN, IP67 Coating contact gold plated Coating contact gold plated ECLASS 6.1 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27069311 ECLASS 9.1 27069311 ECLASS 9.1 27069311 ECLASS 9.1 27069311 ECLASS 9.0 27079318 ECLASS 9.1 27069311 ECLASS 9.1 27069311 ECLASS 9.2 27079311 ECLASS 9.1 27069311 ECLASS 9.1 4048736476 Packaging unit 40487364776 Packaging unit 40487364476 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 30 V Operating voltage AC inc. 30 V Current porating por contact max. 15 A <t< td=""><td></td><td></td></t<>		
No. of poles		
Width across flatis SW13 Dagree of protection (ENIEC 80529) P955, P96K, IP67 Side 2 Coaling contact gold plated Counted Section (SIG) (S		
Degree of protection (EN IEC 60529)		
Side 2 Coaling contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 EcCASS-1.2.0 30		
Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 ECLASS-9.0 ECLASS-10.1 27060311 ECLASS-11.1 2706031 ECLASS-12.0 27060311 ECLASS-12.0 2706031 ETIM-5.0 EC001855 ECLASS-12.0 2706031 ETIM-5.0 EC001855 ECLASS-12.0 2706031 GTIN 4048879664776 Packaging unit 1 Electrical data [Suppty Operating voltage AC max. 30 V Operating voltage AC max. 30 V Operating voltage AC (U.IIslated) 30 V Operating port contact max. 1,5 A Insulation pore		1F03, 1F00K, 1F07
Commercial data	Coating contact	gold plated
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 CUSTOMS 14 (March 1997) 85444290 GTIN 4048879604776 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage AC (UL-listed) Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Inserted, screwed Pollution Degree 3 Rated saye voltage 0,8 kV Material group (Ec 6064-1) 1 Mechanical data Michael plated		gold plated
ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 9.0 2709311 ECLASS 9.0 27060311 ECLASS 9.10.1 27060311 ECLASS 11.1 27060311 ECLASS 12.0 27060311 ETIM-5.0 EC001855 customs tarff number 8544290 GTIN 4048879664776 Packaging unt 1 Electrical fata [Supply Operating voltage AC max 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max 1,5 A Installation Connection M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Politation Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60864-1) 1 Mechanical data Material data Ender Control of corrugate hose without Mechanical data Material data		27270219
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27080311 ECLASS-10.1 27080311 ECLASS-12.0 27080311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 40487964776 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Operating voltage DC (U-Listed) 30 V Operating voltage DC (U-Listed) 30 V Operating port contact max. 1,5 A Installation Connection Mix x 1 Mounting set Mix x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (EC 60664-1) 1 Inchancial data Inchancial data Material data Conting of fitting nickel plated Material gasket FKM Locking material <td< td=""><td></td><td></td></td<>		
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 95444290 GTIN 4048679664776 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage AC (**Ll-listed*) 30 V Operating voltage DC max. 30 V Operating voltage DC (**U-listed*) 30 V Operating voltage DC (**U-listed*) 30 V Operating voltage DC (**U-listed*) 30 V Operating voltage PC (**U-listed*) Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voltage 0.8 kV Material group (!EC 60664-1) I Mechanical data Material data Mechanical data Material data		

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: 2024-05-18



stay connected

Important installation notes	
Note on strain relief	Protect the connectors by quitable measures from mechanical leads, a griby the usage of cable ties
Note on strain reliei	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
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	148
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil, conductive sliding winding
wire arrangement	(white, blue), (white, orange), (white, green), (white, brown)
Cable weigth	62,7 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	Polyolefin
Amount wires	8
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	0,16 mm
Conductor crosssection (wire)	26 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	125 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	134 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	0,75 kV @ 60 s
Electric capacitance	50000 pF/km
AC withstand voltage (wire - shield)	0,75 kV @ 60 s
Loop resistance	5000 ΜΩ
Loop resistance	290 Ω/km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 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)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter