

M12 male 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy 15m

Male 90° M12, 5-pole shielded A-coded

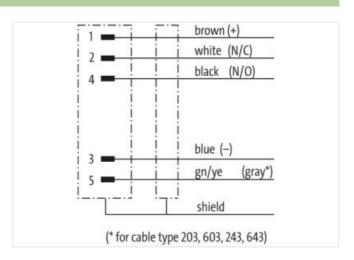
Plastic housings with good resistance against chemicals and oils.

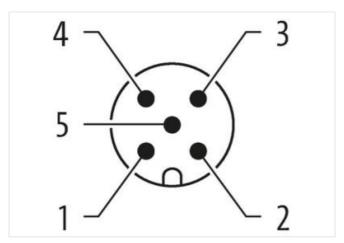
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

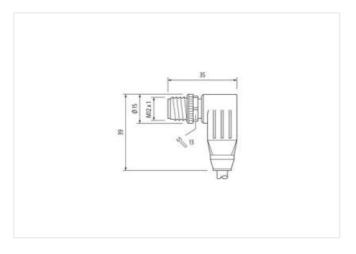
Link to Product

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: 2024-05-17



stay connected

Institution	Mounting method	inserted, screwed
Family construction form	-	· · · · · · · · · · · · · · · · · · ·
Tread		
Coding A Material contact Copporability Wich across flass SW13 Degree of procision (ENEC 60529) IP65 (P6K IP67) Side 2 Coasting contact gold plated Coasting contact gold plated Coasting contact gold plated Coasting contact gold plated Coasting contact Coasting contact Coasting contact ECLASS-6.0 22779218 ECLASS-7.0 22779218 ECLASS-9.0 2779218		
Material contact Copper alloy Material contact PUR Worth arouse files SW13 Degree of protection (EN IEC 60029) IPSE, IPSER, IPSER, IPSER Side 2 Coating contact gold plated Coating contact gold plated ECLASS 6.0 227279218 Coating Contact ECLASS 7.0 27779218 Coating Contact ECLASS 8.0 27779218 Coating Contact ECLASS 9.0 27779218 Coating Contact ECLASS 9.0 27779218 Coating Contact ECLASS 9.0 27709311 Coating Coating Contact Coating Contact Coating		
Material PUR Width across fiets SW13 Degree of protection (EN IEC 60529) IPBS, IPB6K, IPB7 Side 2 Contage contact Commorcial data ECLASS-8.0 2779218 ECLASS-8.0 2779218 ECLASS-8.0 2779218 ECLASS-8.0 2779218 ECLASS-9.0 27000311 ECLASS-1.1 27000311 ECLASS-1.1 27060311 ECLASS-1.1 27000311 ECLASS-1.1 27060311 ECLASS-1.1 27000311 ECLASS-1.0 27060311 ECLASS-1.1 27000311 ECLASS-1.1 27060311 ECLASS-1.1 ECLASS-1.1 27000311 ECLASS-1.2 27000311 ECLASS-1.2 27000311 ECLASS-1.2 27000311 ECLASS-1.2 ECLASS-1.2 ECLASS-1.2 ECLASS-1.2 ECLASS-1.2 ECLASS-1.2 ECLASS-1.2 ECLASS-1.2 ECL		
Width across fields SW13 Degree of protection (ENIEC 60529) P65, IP66K, IP67 Side 2 Coating contact gold plated Coating contact gold plated Coating contact gold plated Coating contact gold plated Coating contact ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-10.1 27060311 ECLASS-		
Side 2 Coaling contact gold plated Coaling contact gold plated Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ETMS-5.0 EC001855 Customs staff number 85446290 GTN 408879200431 Electrical data I Supply 0 Coperating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Current operating per contact max. 4 A Installation Connection Mit2 x 1 Mounting set MIt2 x 1 Device protection Electrical Additional condition protection degree 3 Rated sugs voltage 1,5 kV Meterial group IEC 60694-1 I Meterial group IEC 60694-1 I Mecha		
Side 2 Coating contact gold plated Commercial data COMMercial data ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ETIMS 0. ECO01855 CLASS-12.0 27060311 ETIMS 0.0 ECO01850 CLASS-12.0 80 V Operating unit M12 x 1 </td <td>Degree of protection (EN IEC 60529)</td> <td></td>	Degree of protection (EN IEC 60529)	
Commercial data 27279218 CCLASS-8.0 27279218 CCLASS-7.0 27279218 CCLASS-8.0 27269311 CCLASS-9.0 27069311 CCLASS-9.0 27069311 CCLASS-11.1 27069311 CCLASS-11.1 27069311 CCLASS-11.1 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 CCCASS-12.0 C		
Commercial data 27279218 CCLASS-8.0 27279218 CCLASS-7.0 27279218 CCLASS-8.0 27269311 CCLASS-9.0 27069311 CCLASS-9.0 27069311 CCLASS-11.1 27069311 CCLASS-11.1 27069311 CCLASS-11.1 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 27069311 CCLASS-12.0 CCCASS-12.0 C	Coating contact	gold plated
ECLASS-6.0 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 ETIM-5.0 EC001985 usustoms tarff unmber 8544290 GTIN 4048879200431 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 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 Dagne 3 Reted surge voltage 1,5 kV Material surge voltage Nickeled Coating locking Nickeled Coating locking material Zinc die casting Mechanical data Mounting data inserte		
ECLASS-7.0 27279218 ECLASS-9.0 2779218 ECLASS-9.0 2709311 ECLASS-10.1 2709311 ECLASS-11.1 2706311 ECLASS-12.0 2706311 ETIM-5.0 EC001855 usation further 85444290 GTIN 4048879200431 Packaging unit 1 Electrical data [Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Dagree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data Mental data Mental data Mental state Mental data Mental state Mental state Mental data Mental state Mental		27270218
ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 10.1 27060311 ECLASS 11.1 27060311 ECLASS 12.0 27060311 ECLASS 12.0 ECO01855 customs tariff number 85444290 GTIN 4048879200431 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree insented, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) In Mechanical data Material data Coating of litting Coating of litting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection		



stay connected

Installation Cable	
Cable identification	349
Jacket Color	
Amount stranding	gray 1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	59,4 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,45 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 ± 5 Shore A
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Max. rated voltage (conductor - conductor)	350 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 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
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	0,1 Mio. @ 25 °C
Have specu (O-liack)	0,1 IVIIO. @ 20 O