

M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 13m

Female straight M12, 4-pole shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

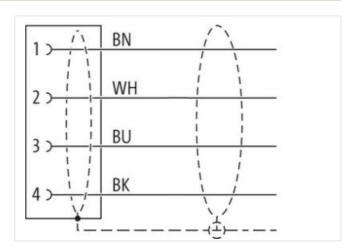
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

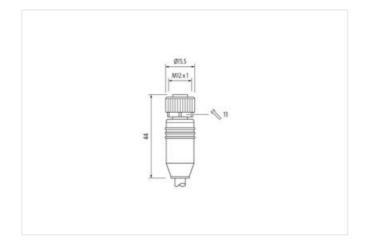
Link to Product

Illustration









Product may differ from Image









Cable length

13 m

Side 1

Tightening torque

0,6 Nm



M12 x 1	Earning Construction form	M40	
A A Buterial		M12	
PUR	Thread		
### SW13 ### SW15 ### SW13 ### SW15 ### SW13 ### SW13 ### SW15 ### SW13 ### SW15 ### SW13 ### SW15 ### SW13 ### SW13 ### SW15 ### SW15 ### SW15 ### SW13 ### SW15 ### SW13 ### SW15 ### SW13 ### SW15 ### SW13 ### SW15 ### SW15 ### SW15 ###	Coding		
gree of protection (EN IEC 60529) IP65, IP66K, IP67 IP68, IP68, IP68	Material		
### Commercial data #### Commercial data #### Commercial data #### Commercial data #### Commercial data ##### Commercial data ###################################			
27279218 27279218	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
SEASS-6.1 27279218 SEASS-7.0 27279218 SEASS-7.0 27279218 SEASS-8.0 27279218 SEASS-9.0 27060311 SEASS-10.1 27060311 SEASS-11.1 27060311 SEASS-12.0 27060311 SEASS-12.0 27060311 SEASS-12.0 27060311 SEASS-12.0 27060311 SEASS-12.0 SECO1855 SECON855 SECO1855 SECON855 SECO1855 SECON855 S	Commercial data		
SLASS-7.0 27279218 SLASS-8.0 27279218 SLASS-8.0 27279218 SLASS-9.0 27060311 SLASS-9.0 27060311 SLASS-10.1 27060311 SLASS-11.1 27060311 SLASS-12.0 27060311 SLASS-12.0 27060311 SLASS-12.0 27060311 SLASS-12.0 STORD STORM ST	ECLASS-6.0	27279218	
27279218 27060311	ECLASS-6.1	27279218	-
27060311 27060311	ECLASS-7.0	27279218	
### SEASS-10.1	ECLASS-8.0	27279218	-
27060311 2706031 2706031 2706031 2706031 27060311 2706031	ECLASS-9.0	27060311	
ELASS-12.0 27060311 EM-5.0 EC001855 storms tarriff number 85444290 TIN 4048879584012 ckaging unit 1 Electrical data Supply Perating voltage AC max. 60 V Perating voltage DC max. 60 V Estallation Connection Punting set M12 x 1 Evice protection Electrical ditional condition protection degree inserted, screwed Electrical data Material data atting locking Nickeled	ECLASS-10.1	27060311	
EC001855 stoms tariff number 85444290 IIN 4048879584012 ckaging unit 1 Ilectrical data Supply serating voltage AC max. 60 V serating voltage DC max. 60 V strent operating per contact max. 4 A Installation Connection sunting set M12 x 1 Institution Degree 3 Ited surge voltage 1,5 kV sterial group (IEC 60664-1) I Institution I in the state of the	ECLASS-11.1	27060311	
stoms tariff number 85444290 TIN 4048879584012 ckaging unit 1 Ilectrical data Supply Inerating voltage AC max. 60 V Inerating voltage DC max. 60 V Inerating per contact max. 4 A Installation Connection Inunting set M12 x 1 Inverted protection Electrical Iditional condition protection degree inserted, screwed Illution Degree 3 Interest terrial group (IEC 60664-1) I Interest declarated data Material data Interest and the statistical data Material data Mickeled	ECLASS-12.0	27060311	
ckaging unit ckaging unit ckaging unit ckaging unit certrical data Supply derating voltage AC max. 60 V forment operating per contact max. 4 A stallation Connection founting set M12 x 1 evice protection Electrical ditional condition protection degree inserted, screwed flution Degree 3 sted surge voltage 1,5 kV sterial group (IEC 60664-1) lechanical data Material data stating locking Nickeled	ETIM-5.0	EC001855	
ckaging unit lectrical data Supply serating voltage AC max. 60 V serating voltage DC max. 60 V stallation Connection sunting set M12 x 1 evice protection Electrical ditional condition protection degree inserted, screwed llution Degree 3 sted surge voltage 1,5 kV sterial group (IEC 60664-1) I echanical data Material data stating locking Nickeled	customs tariff number	85444290	
perating voltage AC max. 60 V perating voltage DC max. 60 V perating per contact max. 4 A perating voltage per contact max. 4 A perating per contact max. 4 A perating set M12 x 1 perice protection Electrical ditional condition protection degree inserted, screwed ditional condition protection degree 3 perice stated surge voltage 1,5 kV diterial group (IEC 60664-1) I perice chanical data Material data diterial glocking Nickeled	GTIN	4048879584012	
perating voltage AC max. 60 V perating voltage DC max. 60 V perating per contact max. 4 A perating set munting set	Packaging unit	1	
rerating voltage DC max. 60 V rerent operating per contact max. 4 A stallation Connection bunting set M12 x 1 evice protection Electrical ditional condition protection degree inserted, screwed llution Degree 3 ted surge voltage 1,5 kV sterial group (IEC 60664-1) I echanical data Material data stating locking Nickeled	Electrical data Supply		
rerating voltage DC max. 60 V rerent operating per contact max. 4 A stallation Connection bunting set M12 x 1 evice protection Electrical ditional condition protection degree inserted, screwed llution Degree 3 ted surge voltage 1,5 kV sterial group (IEC 60664-1) I echanical data Material data stating locking Nickeled	Operating voltage AC max.	60 V	
Interent operating per contact max. 4 A Installation Connection Sounting set M12 x 1 Installation Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Electrical Institution Instit	Operating voltage DC max.	60 V	
stallation Connection bunting set M12 x 1 evice protection Electrical ditional condition protection degree inserted, screwed flution Degree 3 sted surge voltage 1,5 kV sterial group (IEC 60664-1) I echanical data Material data stating locking Nickeled	Current operating per contact max.		
evice protection Electrical ditional condition protection degree inserted, screwed Ilution Degree 3 Ited surge voltage 1,5 kV Iterial group (IEC 60664-1) I echanical data Material data ating locking Nickeled			
ditional condition protection degree inserted, screwed Ilution Degree 3 ted surge voltage 1,5 kV terial group (IEC 60664-1) I techanical data Material data ating locking Nickeled		M12 x 1	
ditional condition protection degree inserted, screwed Ilution Degree 3 Ited surge voltage 1,5 kV Iterial group (IEC 60664-1) I I echanical data Material data ating locking Nickeled		W112 A 1	
Illution Degree 3 ted surge voltage 1,5 kV terial group (IEC 60664-1) I techanical data Material data tating locking Nickeled			
ted surge voltage 1,5 kV sterial group (IEC 60664-1) I sechanical data Material data sating locking Nickeled	Additional condition protection degree		
echanical data Material data ating locking Nickeled	Pollution Degree		
echanical data Material data sating locking Nickeled	Rated surge voltage	1,5 kV	
ating locking Nickeled	Material group (IEC 60664-1)	I	
	Mechanical data Material data		
	Coating locking	Nickeled	
ating of fitting filed	Coating of fitting	nickel plated	
cking material Zinc die-casting	Locking material	Zinc die-casting	
aterial screw connection Zinc die-casting	Material screw connection	Zinc die-casting	
echanical data Mounting data			
ounting method inserted, screwed, Shaking protection	Mechanical data Mounting data		

Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
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	Attention: 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	331



stay connected

Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	5 m @ 25 °C
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-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	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 ± 5 Shore A
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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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	4,8 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
AC withstand voltage (wire - shield)	1,5 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)	70 °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 (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	0,1 Mio. @ 25 °C