

## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 3m

Female straight M12, 4-pole shielded with cable sleeves

## **⚠ NOTICE ⚠**

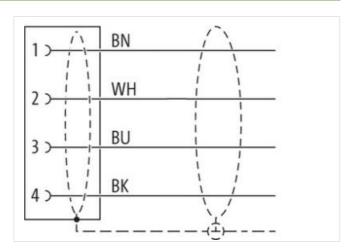
Plastic housings with good resistance against chemicals and oils.

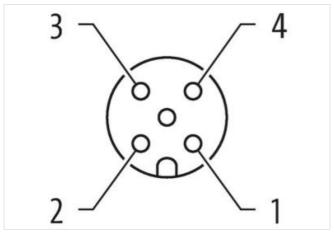
The resistance to aggressive media should be individually tested for your application. Further details on request. PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Further cable lengths on request.

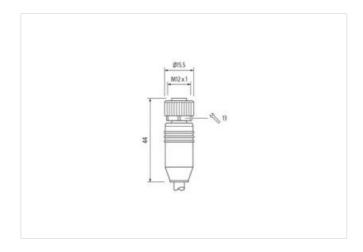
## **Link to Product**

## Illustration









Product may differ from Image















stay connected

Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879200004
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
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
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)	1,5 KV
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 min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Jacob	



Cable identification	335
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Conductor crosssection (wire)  Material conductor wire	0,34 mm² Stranded copper wire, bare
, ,	·
Material conductor wire	Stranded copper wire, bare
Material conductor wire Conductor type (wire)	Stranded copper wire, bare strand class 6
Material conductor wire  Conductor type (wire)  Current load capacity (standard)	Stranded copper wire, bare strand class 6 to DIN VDE 0298-4
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.	Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire	Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 52 Ω/km @ 20 °C
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power	Stranded copper wire, bare strand class 6  to DIN VDE 0298-4  4,8 A  52 \(\Omega/km\) @ 20 °C  300 V
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)	Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 52 Ω/km @ 20 °C 300 V 2 kV @ 60 s
Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 52 Ω/km @ 20 °C 300 V 2 kV @ 60 s
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)	Stranded copper wire, bare strand class 6  to DIN VDE 0298-4  4,8 A  52 Ω/km @ 20 °C  300 V  2 kV @ 60 s  2 kV @ 60 s  -40 °C
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)	Stranded copper wire, bare  strand class 6  to DIN VDE 0298-4  4,8 A  52 Ω/km @ 20 °C  300 V  2 kV @ 60 s  2 kV @ 60 s  -40 °C
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)	Stranded copper wire, bare  strand class 6  to DIN VDE 0298-4  4,8 A  52 Ω/km @ 20 °C  300 V  2 kV @ 60 s  2 kV @ 60 s  -40 °C  80 °C  -20 °C
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)	Stranded copper wire, bare  strand class 6  to DIN VDE 0298-4  4,8 A  52 Ω/km @ 20 °C  300 V  2 kV @ 60 s  2 kV @ 60 s  -40 °C  80 °C  -20 °C
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance	Stranded copper wire, bare  strand class 6  to DIN VDE 0298-4  4,8 A  52 Ω/km @ 20 °C  300 V  2 kV @ 60 s  2 kV @ 60 s  -40 °C  80 °C  -20 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing
Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Nominal voltage power AC max.  Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance	Stranded copper wire, bare  strand class 6  to DIN VDE 0298-4  4,8 A  52 Ω/km @ 20 °C  300 V  2 kV @ 60 s  2 kV @ 60 s  -40 °C  80 °C  -20 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing