

M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 20m

Female straight M12, 4-pole shielded with cable sleeves

⚠ NOTICE ⚠

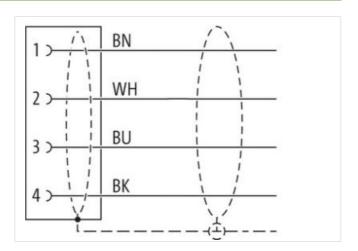
Plastic housings with good resistance against chemicals and oils.

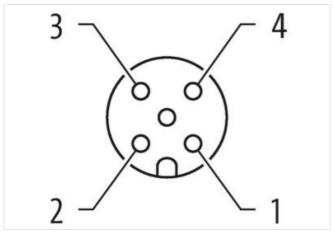
The resistance to aggressive media should be individually tested for your application. Further details on request. PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Further cable lengths on request.

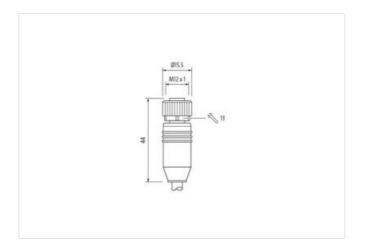
Link to Product

Illustration









Product may differ from Image















stay connected

Cable length	20 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	4048879199964
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)	I
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	
installation Gable	



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 mm ²
Material conductor wire	Stranded copper wire, bare
, ,	Stranded copper wire, bare strand class 6
Material conductor wire	· · · · · · · · · · · · · · · · · · ·
Material conductor wire Conductor type (wire)	strand class 6
Material conductor wire Conductor type (wire) Current load capacity (standard)	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.	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	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	strand class 6 to DIN VDE 0298-4 4,8 A 52 Ω/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)	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)	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
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)	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
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)	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
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)	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
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