

M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 6,5m

Female straight M12, 4-pole shielded with cable sleeves

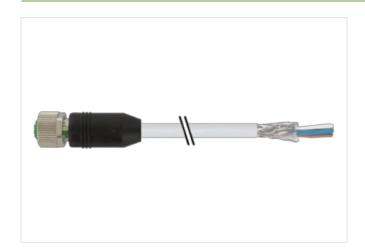
⚠ NOTICE ⚠

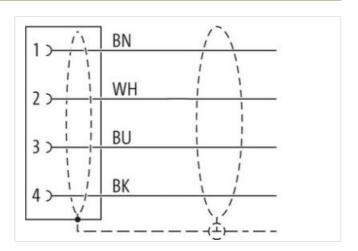
Plastic housings with good resistance against chemicals and oils.

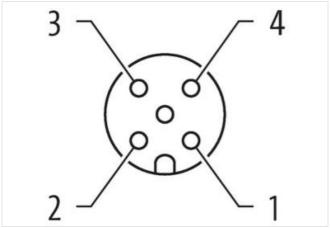
The resistance to aggressive media should be individually tested for your application. Further details on request. PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Further cable lengths on request.

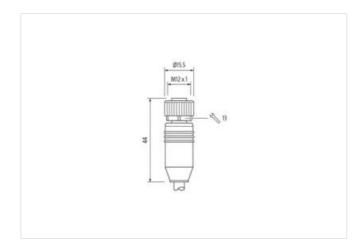
Link to Product

Illustration









Product may differ from Image















6,5 m Cable length Side 1 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding Α 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 4048879594400 Packaging unit 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 M12 x 1 Mounting set Device protection | Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 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 -25 °C Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12)

Installation | Cable



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
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
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	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	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