

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

PVC 4x0.34 shielded gy 2m

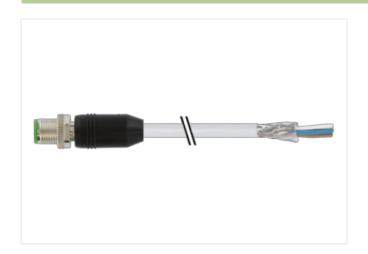
Male straight M12, 4-pole A-coded shielded

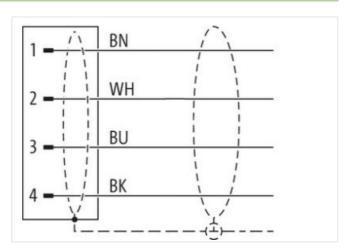
Plastic housings with good resistance against chemicals and oils.

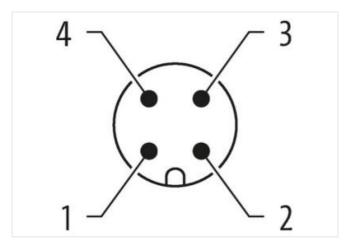
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

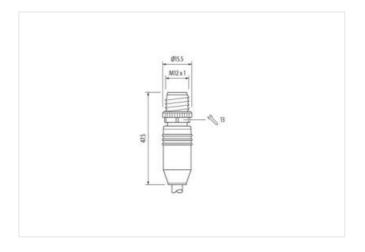
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

2 m

Side 1

Tightening torque

0,6 Nm



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Mounting method	inserted, screwed
Mounting method  Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.0	27279218
ECLASS-9.0	27060311
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879433266
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
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
Mounting set	20 mm M12 x 1
	IVITEAT
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data   Material data	Nederland
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material  Material screw connection	Zinc die-casting
	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
Additional condition temperature range	черенину ин саме quality

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: 2024-04-25



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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
	514 214 01070 2 101 (WILE)
Installation   Cable	
Cable identification	330
Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Stranding factor min.	74 mm
Stranding factor max.	74 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	53,9 g/m
Material jacket	PVC
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free
Amount strands (wire)	42
Amount strands (wire)	42
Amount strands (wire) Diameter of single wires	42 0,1 mm
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)	42 0,1 mm 0,34 mm <sup>2</sup>
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire	42 0,1 mm 0,34 mm² Stranded copper wire, bare
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard)	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor -	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor)	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Max. rated voltage power (conductor - ground)  Max. rated voltage power (conductor - conductor)  AC withstand voltage power (wire - shield)  Power frequency withstand voltage power (wire - jacket)	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s 1,5 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s 1,5 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s 1,5 kV @ 60 s 1,5 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V  1,5 kV @ 60 s 1,5 kV @ 60 s 1,5 kV @ 60 s -30 °C 80 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) 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)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V  500 V  1,5 kV @ 60 s  1,5 kV @ 60 s  1,5 kV @ 60 s  -30 °C 80 °C -5 °C
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Max. rated voltage power (conductor - ground)  Max. rated voltage power (conductor - conductor)  AC withstand voltage power (wire - shield)  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)	0,1 mm  0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4  4,8 A  57 Ω/km @ 20 °C  300 V  500 V  1,5 kV @ 60 s  1,5 kV @ 60 s  1,5 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire  Max. rated voltage power (conductor - ground)  Max. rated voltage power (conductor - conductor)  AC withstand voltage power (wire - shield)  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)  Flame resistance	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s 1,5 kV @ 60 s 1,5 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - wire) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Flame resistance chemical resistance	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s 1,5 kV @ 60 s 1,5 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090 Good, application-related testing
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) 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) Flame resistance chemical resistance Gasoline resistance	42 0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 to DIN VDE 0298-4 4,8 A 57 Ω/km @ 20 °C 300 V 500 V 1,5 kV @ 60 s 1,5 kV @ 60 s 1,5 kV @ 60 s 0 C -5 °C 70 °C UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090 Good, application-related testing Good, application-related testing