

## M12 male 0° / M12 female 0° A-cod.

TPE 4x22AWG ye UL/CSA. ITC/PLTC 2m

Male straight – female straight M12 – M12, 4-pole

USA

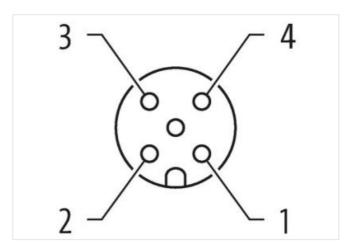
Plastic housings with good resistance against chemicals and oils.

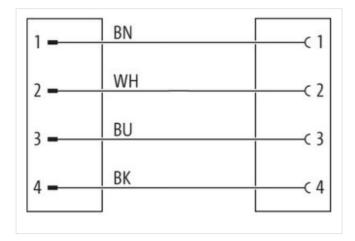
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

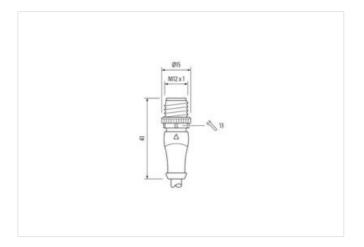
## **Link to Product**

## Illustration



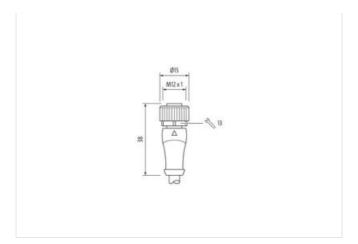


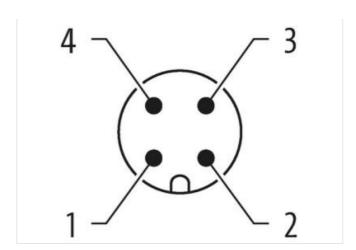






stay connected





Product may differ from Image



Cable length	2 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	4
Side 2	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	4
Commercial data	
ECLASS-6.0	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	4048879739955
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Device protection   Electrical	
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Environmental characteristics   Clima	atic
Operating temperature min.	-25 °C
Operating temperature max.	85 °C



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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.			
Installation   Cable				
Cable identification	U04			
Jacket Color	yellow			
Type of Certificate	cURus			
Amount stranding	1			
Stranding	4 wires twisted			
wire arrangement	brown, black, blue, white			
Cable weigth	49,5 g/m			
Material jacket	TPE			
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free			
Outer-diameter (jacket)	5,36 mm			
Tolerance outer diameter (sheath)	±5%			
Material wire insulation	PVC			
Amount wires	4			
Outer diameter insulation	1,27 mm			
Outer diameter tolerance core insulation	± 5 %			
Ingredient freeness wire insulation	lead-free, CFC-free			
Amount strands (wire)	19			
Diameter of single wires	22 AWG			
Conductor crosssection (wire)	22 AWG			
Material conductor wire	Stranded copper wire, bare			
Nominal voltage AC max.	300 V			
Current load capacity (standard)	to DIN VDE 0298-4			
Current load capacity min. wire	4,8 A			
Electrical resistance line constant wire	46,9 Ω/km @ 20 °C			
AC withstand voltage (wire - wire)	2 kV @ 60 s			
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s			
Min. operating temperature (static)	-40 °C			
Max. operating temperature (fixed)	105 °C			
Operating temperature min. (dynamic)	-20 °C			
Operating temperature max. (dynamic)	90 °C			
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090			
chemical resistance	Good, application-related testing			
Gasoline resistance	Good, application-related testing			
Oil resistance	DIN EN 60811-404   Good, application-related testing			
Bending radius (fixed)	5 x Outer diameter			
Bending radius (dynamic)	10 x Outer diameter			
Travel speed (C-track)	10 Mio.			
No. of torsion cycles	3 Mio.			