

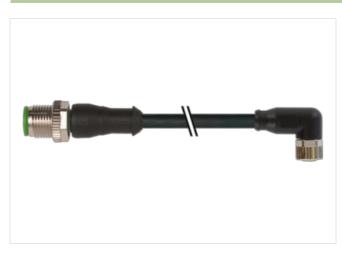
M12 male 0° / M8 female 90° A-cod.

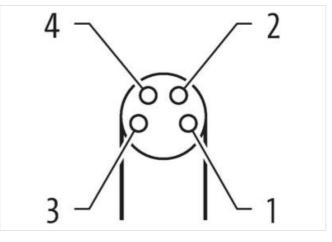
PVC 4x0.25 bk UL/CSA 1.5m

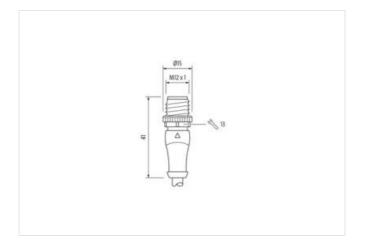
Male straight – female 90° M12 – M8, 4-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

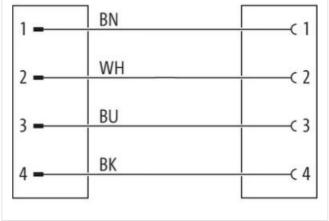
Link to Product

Illustration



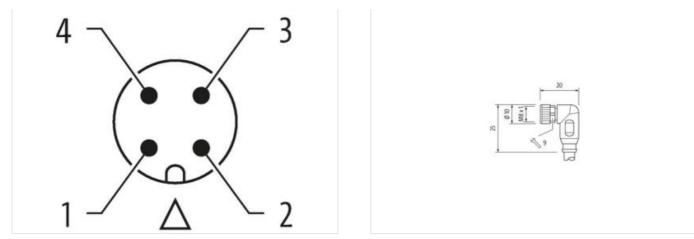






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21





Product may differ from Image



Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Cable outlet	angled
Coding	A
Material	PUR
No. of poles	4
Width across flats	SW9
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

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: 2024-05-21



customs tariff number	85444290
GTIN	4048879160308
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 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
Device protection Electrical	*^
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
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
Color housing	black
Color contact carrier	green
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
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	611
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	34,76 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,8 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC

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: 2024-05-21



Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s 2 kV @ 60 s
Power frequency withstand voltage (wire -	
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	2 kV @ 60 s -30 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	2 kV @ 60 s -30 °C 80 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance	2 kV @ 60 s -30 °C -30 °C -5 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance Gasoline resistance	2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C DIN EN ISO 4892-2 A IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing

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: 2024-05-21