

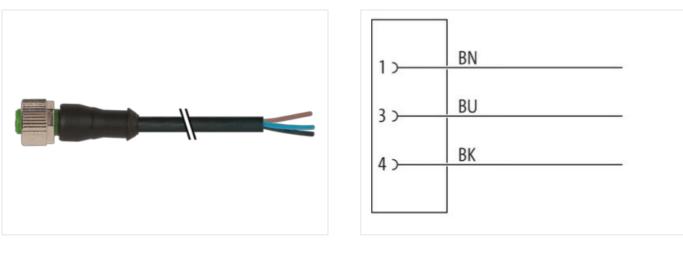
M12 female 0° A-cod. with cable

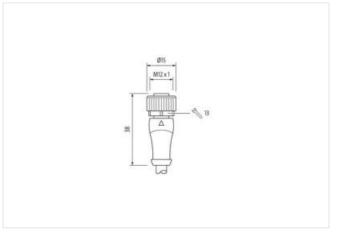
PVC 3x0.34 bk UL/CSA 11m

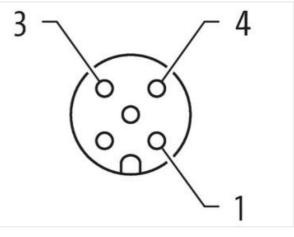
Female straight M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-19

11 m

0,6 Nm

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



Side 2 Stripping length (jacket) 20 mm Commercial data 20 mm ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-12.0 854442	P66K, IP67
suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IF Side 2 Stripping length (jacket) 20 mm Commercial data ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-12.0 270603 ECLASS-12.0 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-12.0 270603 ECIASS-11.1 270603 ECLASS-11.1 270603 ECIASS-12.0 270603 ECIASS-11.1 270603 ECIASS-11.1 270603 ECIASS-11.1 270603 ECIASS-12.0 270603 ECIASS-11.1 270603 <td>P66K, IP67</td>	P66K, IP67
Coding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IF Side 2 Stripping length (jacket) 20 mm Commercial data 20 mm ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-12.0 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECIASS-11.1 270603 ECLASS-12.0 270603 ECIASS-12.0 270603 ECIASS-12.0 270603 ECIASS-12.0 270603 ECIASS-12.0 270603 ECIASS-12.0 270603 ECIASS-12.0 270603 ECIASS-11.1 270603 ECIASS-12.0 2706	P66K, IP67
Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IF Side 2 Stripping length (jacket) 20 mm Commercial data 2127792 ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 211 311 311 311 311 311 311 312 313 314 315 316 317
No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IF Side 2 20 Stripping length (jacket) 20 mm Commercial data 2 ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 211 311 311 311 311 311 311 312 313 314 315 316 317
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IF Side 2 20 mm Stripping length (jacket) 20 mm Commercial data 21 ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 211 311 311 311 311 311 311 312 313 314 315 316 317
Degree of protection (EN IEC 60529) IP65, IF Side 2 20 mm Stripping length (jacket) 20 mm Commercial data 212792 ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-14.2 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 211 311 311 311 311 311 312 313 314 315 316 317 318
Side 2 Stripping length (jacket) 20 mm Commercial data 20 mm ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 211 311 311 311 311 311 312 313 314 315 316 317 318
Stripping length (jacket) 20 mm Commercial data 272792 ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 311 311 311 311 311 311 311 312 313 314 315 316 317
Commercial data ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 218 311 311 311 311 311 311 311 312 313 314 315 316 317
ECLASS-6.0 272792 ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 311 311 311 311 355 290
ECLASS-6.1 272792 ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 218 311 311 311 311 355 290
ECLASS-7.0 272792 ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	218 218 311 311 311 311 311 290
ECLASS-8.0 272792 ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0118 customs tariff number 854442 GTIN 404887	218 311 311 311 311 355 290
ECLASS-9.0 270603 ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	811 811 811 811 855 290
ECLASS-10.1 270603 ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	811 811 811 855 290
ECLASS-11.1 270603 ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	811 811 855 290
ECLASS-12.0 270603 ETIM-5.0 EC0018 customs tariff number 854442 GTIN 404887	311 855 290
ETIM-5.0EC0018customs tariff number854442GTIN404887	855 190
customs tariff number854442GTIN404887	290
GTIN 404887	
Packaging unit 1	79406055
Electrical data Supply	
Operating voltage AC max. 250 V	
Operating voltage DC max. 250 V	
Operating voltage AC (UL-listed) 30 V	
Operating voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Installation Connection	
Stripping length (jacket) 20 mm	
Mounting set M12 x 1	1
Device protection Electrical	
Additional condition protection degree inserted	d, screwed
Pollution Degree 3	
Rated surge voltage 2,5 kV	
Material group (IEC 60664-1) I	
Mechanical data Material data	
Coating locking Nickele	bd
Coating of fitting nickel p	plated
Locking material Zinc die	e-casting
Material screw connection Zinc die	e-casting
Mechanical data Mounting data	
Mounting method inserted	d, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depend	ling on cable quality
Important installation notes	

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: 2024-05-19

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



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)
Installation Cable	
Cable identification	613
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 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)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
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
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
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	6 A
Electrical resistance line constant wire	57 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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
JV resistance	DIN EN ISO 4892-2 A
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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: 2024-05-19

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com