

ELSP SAFETY PRODUCTS

Female M12-12 cables

Data sheet

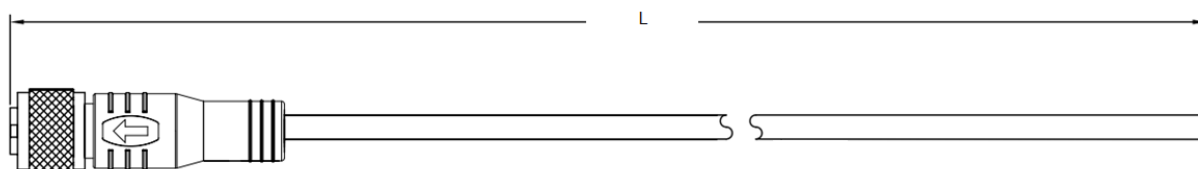
Shielded cable with straight M12-12 female connector and free end. 12 x 0.13 mm². Black PVC.



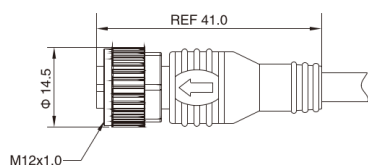
Note

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Dimensions



Dimensions in mm

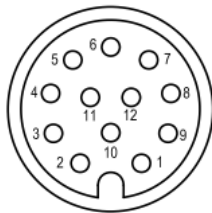


Product ID	Designation	Cable length (L)
2TLA020056R7200	M12-C65	6 000 ± 100 mm
2TLA020056R7300	M12-C105	10 000 ± 200 mm
2TLA020056R7500	M12-C205	20 000 ± 400 mm

See <https://new.abb.com/low-voltage/products/safety-products> and/or the ABB safety products catalog for availability.

Configuration

Female connector



View from front

- 1 Brown
- 2 Blue
- 3 White
- 4 Green
- 5 Pink
- 6 Yellow
- 7 Black
- 8 Gray
- 9 Red
- 10 Violet
- 11 Gray/pink
- 12 Red/Blue

Technical data

Manufacturer	
Address	ABB Electrification Sweden AB SE-721 61 Västerås, Sweden
Electrical data	
Nominal voltage	30 V
Maximum voltage	30 V
Rated input current	1.5 A
Environmental data	
Ambient temperature	-20 ... 80 °C
Protection class	IP67/IP69K
Connector(s)	
Connector type	Straight M12-12 female connector
Coding	A
Material – Pin/Socket	Gold plated brass
Material – Insert	TPU, PA
Material – Overmold/shell	Black TPU
Material - Coupling nut/screw	Nickel plated zinc alloy
Material – Seal/O-ring	FKM
Cable	
Length	See Dimensions
Conductor design	12 cores + Aluminum foil + Braid
Conductor cross-section	26 AWG - 0.13 mm ²
Conductor material	Copper
Conductor resistance	150 Ω/km 20° C
Insulation color	See Configuration
Insulation material	SR-PVC
Insulation outer diameter	1.0 ± 0.10 mm
Insulation resistance	10 MΩ/km 20° C
Jacket color	Black
Jacket material	PVC/60P
Jacket outer diameter	6.50 ± 0.20 mm

Marking

 AWM 2464 26AWG VW-1 80°C 300V E343967 FINECABLES
 AWM 26AWG I / II A FT1 80°C 300V +LF+