

M12 SERIES

M12 overmolded cable-side female solder termination shielded version + 10.0L straight-knurled nut

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12AXX-08-103

9 ORDERABLE PART NUMBERS / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 CONTACTS / A-CODE / IP67 / IP68

Product Overview



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M12AXX-08-103

WLconnectivity's m12 overmolded cable-side female solder termination shielded version + 10.0L straight-knurled nut family consolidates 9 exact orderable configurations covering 9, 10, 11, 12, 13, 14, 15, 16, 17-contact options. The configurations share the product platform and engineering references shown in this manual; exact selection details are listed in the ordering table.

Technical Specifications

Rated current	1.5 A
Rated voltage	30 V
Wire size	0.14 mm ² to 0.75 mm ²
Wire gauge	26 AWG to 18 AWG
Standard	IEC 61076-2-101
Termination	Solder
Locking system	threaded locking
Degree of protection	IP67 / IP68
Mechanical durability	500 cycles
Operating temperature	-25 °C to +85 °C
Contact resistance	≤ 10 mΩ
Insulation resistance	≥ 1000 MΩ
Housing material	PA66 nylon
Contact material	gold-plated brass
Screw material	Brass With Nickel Plated
Gasket material	Fluorine Ring
Shield material	Brass With Nickel Plated

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12AXX-08-103

9 orderable part numbers

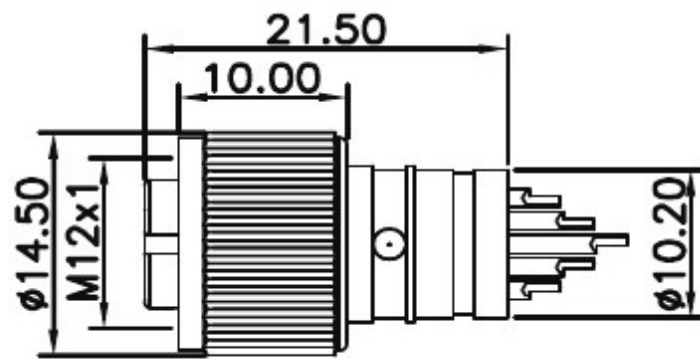
NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	9	A-code	-	M12A09-08-103
2	10	A-code	-	M12A10-08-103
3	11	A-code	-	M12A11-08-103
4	12	A-code	-	M12A12-08-103
5	13	A-code	-	M12A13-08-103
6	14	A-code	-	M12A14-08-103
7	15	A-code	-	M12A15-08-103
8	16	A-code	-	M12A16-08-103
9	17	A-code	-	M12A17-08-103

Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / Coding: A-code

