

M12 SERIES

M12 overmolded cable-side female solder termination 10.5L knurled nut

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12AXX-08-102

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

Product Overview



M12 SERIES / PRODUCT FAMILY

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WLconnectivity's m12 overmolded cable-side female solder termination 10.5L 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	≤ 5 mΩ
Insulation resistance	≥ 1000 MΩ
Housing material	PA66 nylon
Contact material	gold-plated brass
Screw material	Brass With Nickel Plated
Gasket material	Fluorine Ring

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12AXX-08-102

9 orderable part numbers

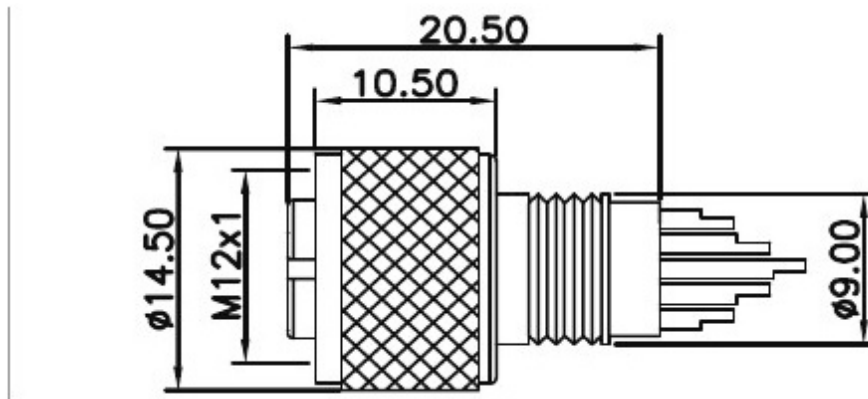
NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	9	A-code	-	M12A09-08-102
2	10	A-code	-	M12A10-08-102
3	11	A-code	-	M12A11-08-102
4	12	A-code	-	M12A12-08-102
5	13	A-code	-	M12A13-08-102
6	14	A-code	-	M12A14-08-102
7	15	A-code	-	M12A15-08-102
8	16	A-code	-	M12A16-08-102
9	17	A-code	-	M12A17-08-102

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

