

M12 SERIES

M12 female straight metal field-attachable plug screw termination shielded

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12X0X-02-012

10 ORDERABLE PART NUMBERS / 2 / 3 / 4 / 5 / 6 / 7 / 8 CONTACTS / A-CODE / B-CODE / D-CODE / IP66

Product Overview



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M12X0X-02-012

WLconnectivity's m12 female straight metal field-attachable plug screw termination shielded family consolidates 10 exact orderable configurations covering 2, 3, 4, 5, 6, 7, 8-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

Standard	IEC 61076-2-101
Termination	Screw Crimping
Locking system	threaded locking
Degree of protection	IP66
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
Outer shell material	Brass With Nickel Plated
Gasket material	Fluorine Ring

Configuration-specific Ratings

Electrical values that vary by contact count and coding

CONTACTS	CODING	RATED CURRENT	RATED VOLTAGE
2 / 3 / 4	A-code / B-code / D-code	4 A	250 V
5	A-code / B-code	4 A	60 V
6 / 7 / 8	A-code	2 A	30 V

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12X0X-02-012

10 orderable part numbers

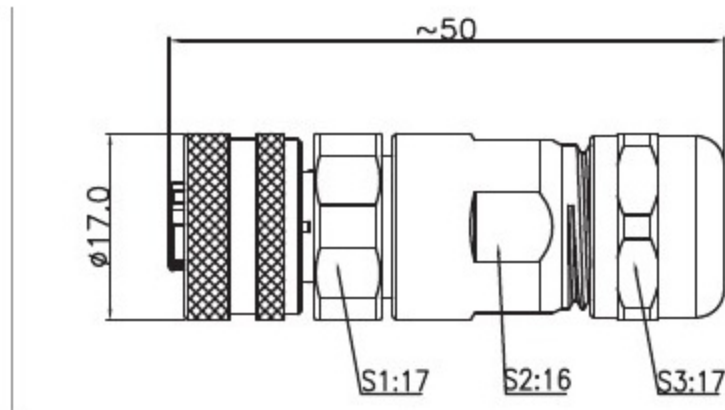
NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	2	A-code	-	M12A02-02-012
2	3	A-code	-	M12A03-02-012
3	4	A-code	-	M12A04-02-012
4	5	A-code	-	M12A05-02-012
5	6	A-code	-	M12A06-02-012
6	7	A-code	-	M12A07-02-012
7	8	A-code	-	M12A08-02-012
8	4	B-code	-	M12B04-02-012
9	5	B-code	-	M12B05-02-012
10	4	D-code	-	M12D04-02-012

Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 2 / 3 / 4 / 5 / 6 / 7 / 8 / Coding: A-code / B-code / D-code

	2 Pin	3 Pin	4 Pin	5 Pin	6 Pin	7 Pin	8 Pin
A-code							
B-code							
D-code							