

M12 SERIES

M12 front-mount panel cable-side female solder termination M16 / PG9 SW17T

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12AXX-04-099-M16/PG9

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 front-mount panel cable-side female solder termination m16 / pg9 sw17t 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
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
Outer shell material	Zinc Alloys With Nickel Plated
Gasket material	Fluorine Ring

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12AXX-04-099-M16/PG9

9 orderable part numbers

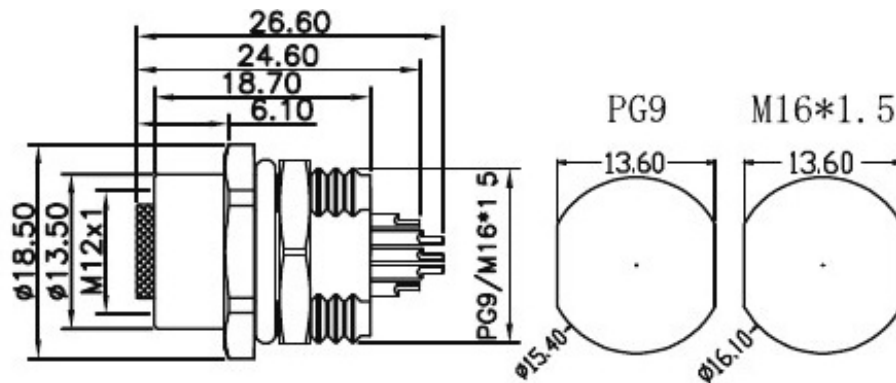
NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	9	A-code	-	M12A09-04-099-M16/PG9
2	10	A-code	-	M12A10-04-099-M16/PG9
3	11	A-code	-	M12A11-04-099-M16/PG9
4	12	A-code	-	M12A12-04-099-M16/PG9
5	13	A-code	-	M12A13-04-099-M16/PG9
6	14	A-code	-	M12A14-04-099-M16/PG9
7	15	A-code	-	M12A15-04-099-M16/PG9
8	16	A-code	-	M12A16-04-099-M16/PG9
9	17	A-code	-	M12A17-04-099-M16/PG9

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

