

M12 SERIES

M12 overmolded cable-side male L-coded solder termination + 11.8L double-knurled screw

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12L0X-07-117

3 ORDERABLE PART NUMBERS / 3 / 4 / 5 CONTACTS / L-CODE / IP67 / IP68

Product Overview



M12 SERIES / PRODUCT FAMILY

M12 overmolded cable-side male L-coded solder termination + 11.8L double-knurled screw

M12L0X-07-117

WLconnectivity's m12 overmolded cable-side male l-coded solder termination + 11.8l double-knurled screw family consolidates 3 exact orderable configurations covering 3, 4, 5-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	16 A
Rated voltage	63 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
Shield tube material	Brass With Nickel Plated

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12L0X-07-117

3 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	3	L-code	-	M12L03-07-117
2	4	L-code	-	M12L04-07-117
3	5	L-code	-	M12L05-07-117

CONFIGURATION RANGE

CONTACTS	3 / 4 / 5
CODING	L-code
CABLE OPTIONS	Not applicable
PROTECTION	IP67 / IP68

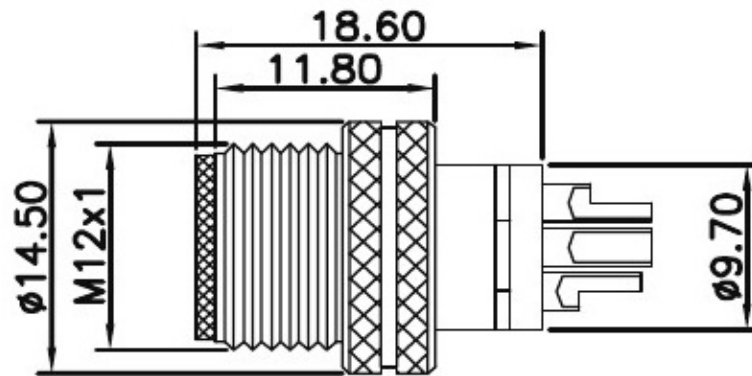


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 3 / 4 / 5 / Coding: L-code

3 Pin



L-code

4 Pin



L-code

5 Pin



L-code