

M12 SERIES

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

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12S0X-07-121

2 ORDERABLE PART NUMBERS / 3 / 4 CONTACTS / S-CODE / IP67 / IP68

Product Overview



M12 SERIES / PRODUCT FAMILY

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

M12S0X-07-121

WLconnectivity's m12 overmolded cable-side male s-coded solder termination + 11.8l double-knurled screw family consolidates 2 exact orderable configurations covering 3, 4-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	12 A
Rated voltage	630 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

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12S0X-07-121

2 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	3	S-code	-	M12S03-07-121
2	4	S-code	-	M12S04-07-121

CONFIGURATION RANGE

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

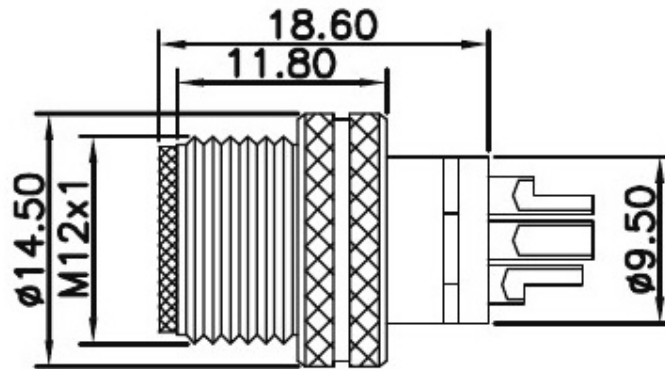


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 3 / 4 / Coding: S-code

