

M12 SERIES

M12 overmolded 8P cable-side male X-coded solder-termination assembly + thread-locking shield tube

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M12X08-01-027

1 ORDERABLE PART NUMBERS / 8 CONTACTS / X-CODE / IP67 / IP68

Product Overview



M12 SERIES / PRODUCT FAMILY

M12 overmolded 8P cable-side male X-coded solder-termination assembly + thread-locking shield tube

M12X08-01-027

WLconnectivity's m12 overmolded 8p cable-side male x-coded solder-termination assembly + thread-locking shield tube family consolidates 1 exact orderable configurations covering 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

Rated current	0.5 A
Rated voltage	48 V
Wire size	0.14 mm ²
Wire gauge	26 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	Zinc Alloys With Nickel Plated
Gasket material	Fluorine Ring
Shield material	Zinc Alloys With Nickel Plated

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M12X08-01-027

1 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	8	X-code	-	M12X08-01-027

CONFIGURATION RANGE

CONTACTS	8
CODING	X-code
CABLE OPTIONS	Not applicable
PROTECTION	IP67 / IP68

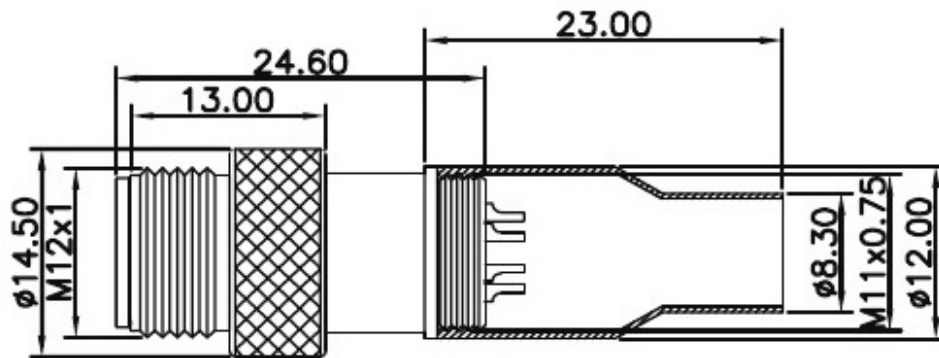


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 8 / Coding: X-code

