

M8 SERIES

M8 front-mount panel PCB-side male right-angle PCB solder termination shielded version thread M8x1 grounded

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M08X0X-03-042

5 ORDERABLE PART NUMBERS / 3 / 4 / 5 / 6 / 8 CONTACTS / A-CODE / B-CODE / IP67 / IP68

Product Overview



M8 SERIES / PRODUCT FAMILY

M8 front-mount panel PCB-side male right-angle PCB solder termination shielded version thread M8x1 grounded M08X0X-03-042

WLconnectivity's m8 front-mount panel pcb-side male right-angle pcb solder termination shielded version thread m8x1 grounded family consolidates 5 exact orderable configurations covering 3, 4, 5, 6, 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 61076-2-104
Termination	Dip-Solder
Locking system	threaded locking
Degree of protection	IP67 / IP68
Mechanical durability	500 cycles
Operating temperature	-25 °C to +85 °C
Contact resistance	≤ 20 mΩ
Insulation resistance	≥ 1000 MΩ
Housing material	PA66 nylon
Contact material	gold-plated brass
Nut and shell material	Brass With Nickel Plated
Gasket material	Fluorine Ring
Black potting compound	Epoxy resin

Configuration-specific Ratings

Electrical values that vary by contact count and coding

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

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M08X0X-03-042

5 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	3	A-code	-	M08A03-03-042
2	4	A-code	-	M08A04-03-042
3	5	B-code	-	M08B05-03-042
4	6	A-code	-	M08A06-03-042

CONFIGURATION RANGE

CONTACTS	3 / 4 / 5 / 6 / 8
CODING	A-code / B-code
CABLE OPTIONS	Not applicable
PROTECTION	IP67 / IP68

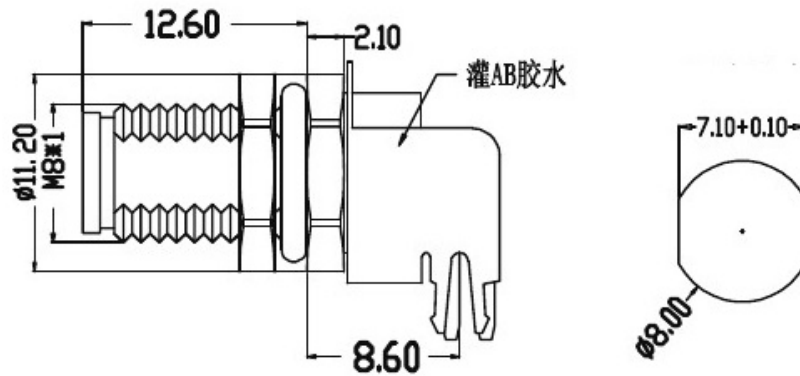


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

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

