

M8 SERIES

M8 overmolded cable-side female solder termination + 8L anti-vibration hex nut + sealing ring

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M08X0X-08-010

6 ORDERABLE PART NUMBERS / 2 / 3 / 4 / 5 / 6 / 8 CONTACTS / A-CODE / B-CODE / IP67 / IP68

Product Overview



M8 SERIES / PRODUCT FAMILY

M8 overmolded cable-side female solder termination + 8L anti-vibration hex nut + sealing ring **M08X0X-08-010**

WLconnectivity's m8 overmolded cable-side female solder termination + 8l anti-vibration hex nut + sealing ring family consolidates 6 exact orderable configurations covering 2, 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	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

Configuration-specific Ratings

Electrical values that vary by contact count and coding

CONTACTS	CODING	RATED CURRENT	RATED VOLTAGE	WIRE SIZE	WIRE GAUGE
2 / 3 / 4	A-code	4 A	60 V	0.14 mm ² to 0.34 mm ²	26 AWG to 22 AWG
5	B-code	4 A	30 V	0.14 mm ²	26 AWG
6 / 8	A-code	2 A	60 V	0.14 mm ²	26 AWG

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M08X0X-08-010

6 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	2	A-code	-	M08A02-08-010
2	3	A-code	-	M08A03-08-010
3	4	A-code	-	M08A04-08-010
4	5	B-code	-	M08B05-08-010

CONFIGURATION RANGE

CONTACTS	2 / 3 / 4 / 5 / 6 / 8
CODING	A-code / B-code
CABLE OPTIONS	Not applicable
PROTECTION	IP67 / IP68

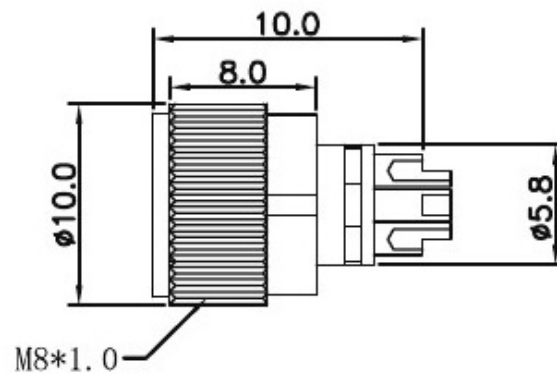


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 2 / 3 / 4 / 5 / 6 / 8 / Coding: A-code / B-code

