

M8 SERIES

# M8 front-mount panel cable-side male solder termination M8 SW10T-13.7L rear-potted

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

**M08X0X-03-037**

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

# Product Overview



## M8 SERIES / PRODUCT FAMILY

### M8 front-mount panel cable-side male solder termination M8 SW10T-13.7L rear-potted

#### M08X0X-03-037

WLconnectivity's m8 front-mount panel cable-side male solder termination m8 sw10t-13.7l rear-potted 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        |
| 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 |
|-----------|--------|---------------|--|---------------|
| 2 / 3 / 4 | A-code | 4 A           |  | 60 V          |
| 5         | B-code | 4 A           |  | 30 V          |
| 6 / 8     | A-code | 2 A           |  | 60 V          |

# Ordering Information

All exact orderable part numbers for this product family

## FAMILY CODE M08X0X-03-037

6 orderable part numbers

| NO. | CONTACTS | CODING | CABLE OPTION | PART NUMBER   |
|-----|----------|--------|--------------|---------------|
| 1   | 2        | A-code | -            | M08A02-03-037 |
| 2   | 3        | A-code | -            | M08A03-03-037 |
| 3   | 4        | A-code | -            | M08A04-03-037 |
| 4   | 5        | B-code | -            | M08B05-03-037 |

## CONFIGURATION RANGE

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

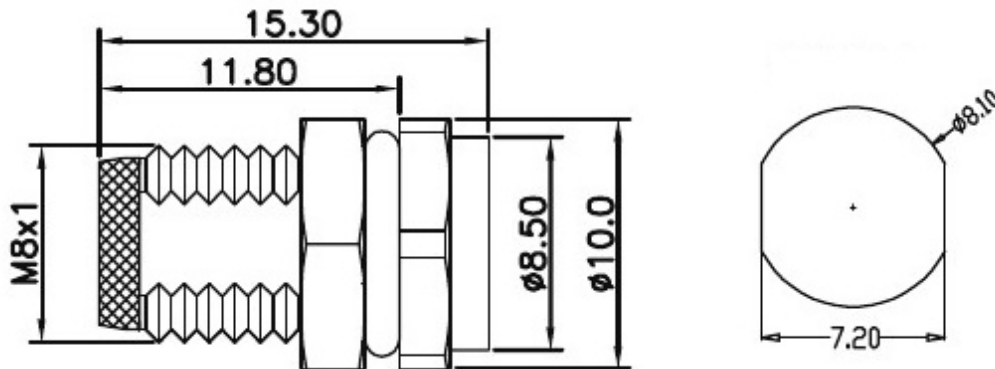


# Engineering Reference

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

