

M12 SERIES

# M12 front-mount panel 8P PCB-side female X-coded PCB solder termination PG9 SW17T

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

## M12X08-04-110

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

# Product Overview



## M12 SERIES / PRODUCT FAMILY

### M12 front-mount panel 8P PCB-side female X-coded PCB solder termination PG9 SW17T

#### M12X08-04-110

WLconnectivity's m12 front-mount panel 8p pcb-side female x-coded pcb solder termination pg9 sw17t 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                           |
| Standard              | IEC 61076-2-101                |
| 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    | ≤ 10 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 M12X08-04-110

1 orderable part numbers

| NO. | CONTACTS | CODING | CABLE OPTION | PART NUMBER   |
|-----|----------|--------|--------------|---------------|
| 1   | 8        | X-code | -            | M12X08-04-110 |

## CONFIGURATION RANGE

|               |                       |
|---------------|-----------------------|
| CONTACTS      | <b>8</b>              |
| CODING        | <b>X-code</b>         |
| CABLE OPTIONS | <b>Not applicable</b> |
| PROTECTION    | <b>IP67 / IP68</b>    |

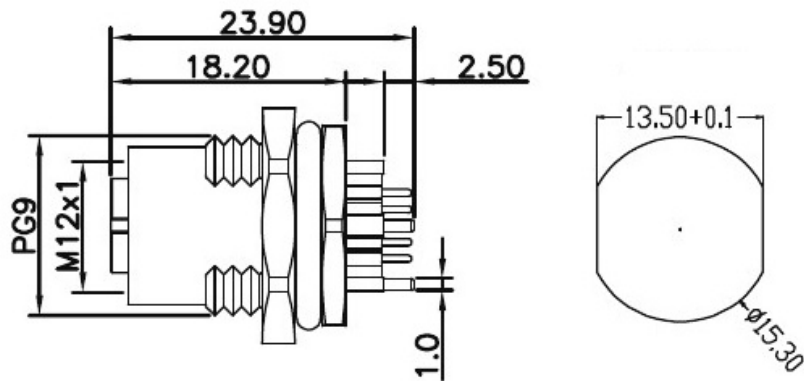


# Engineering Reference

Shared dimensional and pin-assignment reference for this product family

## DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



## PIN ASSIGNMENT / FRONT VIEW

Contacts: 8 / Coding: X-code

