

M8 SERIES

# M8 overmolded cable-side male solder termination fully shielded version + 9.8L straight-knurled screw

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

## M08A0X-07-011

3 ORDERABLE PART NUMBERS / 2 / 3 / 4 CONTACTS / A-CODE / IP67 / IP68

# Product Overview



## M8 SERIES / PRODUCT FAMILY

### M8 overmolded cable-side male solder termination fully shielded version + 9.8L straight-knurled screw

#### M08A0X-07-011

WLconnectivity's m8 overmolded cable-side male solder termination fully shielded version + 9.8L straight-knurled screw family consolidates 3 exact orderable configurations covering 2, 3, 4-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         | 4 A                                          |
| Rated voltage         | 60 V                                         |
| Wire size             | 0.14 mm <sup>2</sup> to 0.34 mm <sup>2</sup> |
| Wire gauge            | 26 AWG to 22 AWG                             |
| 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                            |
| Shield tube material  | Brass With Nickel Plated                     |

# Ordering Information

All exact orderable part numbers for this product family

## FAMILY CODE M08A0X-07-011

3 orderable part numbers

| NO. | CONTACTS | CODING | CABLE OPTION | PART NUMBER   |
|-----|----------|--------|--------------|---------------|
| 1   | 2        | A-code | -            | M08A02-07-011 |
| 2   | 3        | A-code | -            | M08A03-07-011 |
| 3   | 4        | A-code | -            | M08A04-07-011 |

## CONFIGURATION RANGE

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

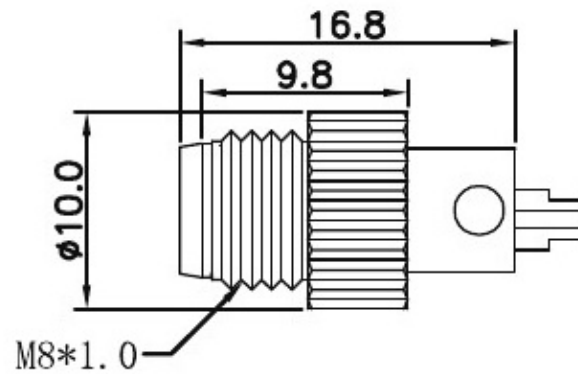


# Engineering Reference

Shared dimensional and pin-assignment reference for this product family

## DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



## PIN ASSIGNMENT / FRONT VIEW

Contacts: 2 / 3 / 4 / Coding: A-code

