

M12 SERIES

# M12 overmolded cable-side male G version solder termination + 13.3L anti-vibration hex screw

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

**M12AXX-07-092**

9 ORDERABLE PART NUMBERS / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 CONTACTS / A-CODE / IP67 / IP68

# Product Overview



## M12 SERIES / PRODUCT FAMILY

### M12 overmolded cable-side male G version solder termination + 13.3L anti-vibration hex screw

#### M12AXX-07-092

WLconnectivity's m12 overmolded cable-side male g version solder termination + 13.3L anti-vibration hex screw family consolidates 9 exact orderable configurations covering 9, 10, 11, 12, 13, 14, 15, 16, 17-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         | 1.5 A                                        |
| Rated voltage         | 30 V                                         |
| Wire size             | 0.14 mm <sup>2</sup> to 0.75 mm <sup>2</sup> |
| Wire gauge            | 26 AWG to 18 AWG                             |
| Standard              | IEC 61076-2-101                              |
| 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                     |

# Ordering Information

All exact orderable part numbers for this product family

## FAMILY CODE M12AXX-07-092

9 orderable part numbers

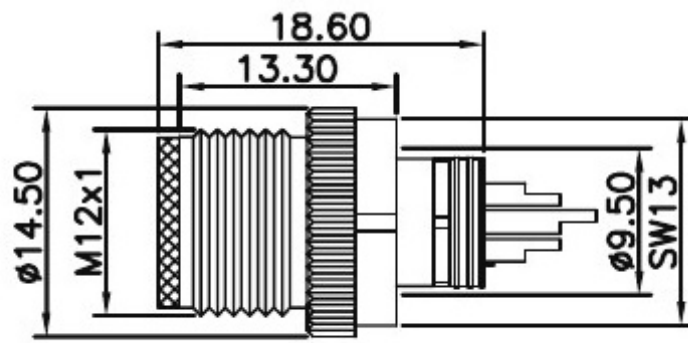
| NO. | CONTACTS | CODING | CABLE OPTION | PART NUMBER   |
|-----|----------|--------|--------------|---------------|
| 1   | 9        | A-code | -            | M12A09-07-092 |
| 2   | 10       | A-code | -            | M12A10-07-092 |
| 3   | 11       | A-code | -            | M12A11-07-092 |
| 4   | 12       | A-code | -            | M12A12-07-092 |
| 5   | 13       | A-code | -            | M12A13-07-092 |
| 6   | 14       | A-code | -            | M12A14-07-092 |
| 7   | 15       | A-code | -            | M12A15-07-092 |
| 8   | 16       | A-code | -            | M12A16-07-092 |
| 9   | 17       | A-code | -            | M12A17-07-092 |

# Engineering Reference

Shared dimensional and pin-assignment reference for this product family

## DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



### PIN ASSIGNMENT / FRONT VIEW

**Contacts: 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / Coding: A-code**

