

Sensor M8 / M12 Series

Areas of application

- Proximity switches, photo eyes, safety switches and other I/O connectivity
- Connector interface for IP67/IP68 rated devices
- Other miniature I/O devices and sensors
- Robotic end-of-arm tooling
- Specialty sensors semiconductor assembly equipment
- Connectivity for devices in high-vibration environments



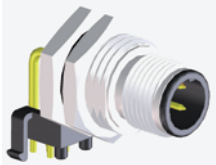
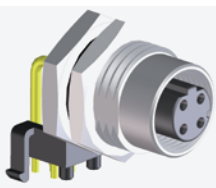
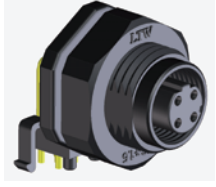
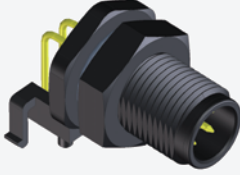
Amphenol LTW Technology Co., Ltd | 9F No. 657-12 Jungjeng Road, Shinjuang District, New Taipei City, Taiwan
Telephone: +886-2-2908-5626 | Fax: +886-2-2902-9787 | Website : <http://www.amphenolltw.com>

Innovation in Waterproof Solution

M 12 Panel Mount 90° (Right Angle) with Board Lock

Amphenol LTW offers a variety of high-quality M-Series which comes with different sizes and variants from M8 to M10.5 to M12A, B and D-Coded connectors for Field Installable, Molded with Cable and Panel Mount that are available in plastic and metal versions meeting the most demanding needs in Factory Automation applications.

Addition to the M12 Series is the PCB right angle with board lock designed to increase structure strength in securing an electrical connector or device to printed circuit board. Rated IP68, totally protected against dust, and against long periods of immersion under pressure.

Connector Type	<ul style="list-style-type: none"> Male and Female 	
Available Contacts	<ul style="list-style-type: none"> 3, 4, & 5Pins (8Pins upon request) 	
Locking Mechanism	<ul style="list-style-type: none"> Screw Type 	
Coding	<ul style="list-style-type: none"> A, B and D-Coded 	
Current Rating	<ul style="list-style-type: none"> 3~5Pin (4A); 8Pin (2A) 	
Temperature Range	<ul style="list-style-type: none"> -25°C to 105°C 	
Degree of Protection	<ul style="list-style-type: none"> IP68 	
Termination/Screw Mounting	<ul style="list-style-type: none"> PCB Pins / Front Mounting 	
Mechanical Operation	<ul style="list-style-type: none"> >100 mating cycles 	
Contact Resistance	<ul style="list-style-type: none"> ≤ 10 mΩ 	
Fixing Thread	<ul style="list-style-type: none"> Metal: PG9 / Soon: M12*1 Plastic: M12*1 / M16*1.5 	
Material	<ul style="list-style-type: none"> Nylon+GF (UL94-V0) for connector insert & housing for Plastic Zinc die-casting for metal housing Copper Alloy, Gold Plated for Contacts 	
Approval	<ul style="list-style-type: none"> UL/cUL (Pending) 	

Generally, ALTW's M-Series is perfectly suitable for industrial equipment, machinery and involving all types of sensors and actuators in automation that offers safety in harsh environmental conditions including corrosion, shock vibration, dust, moisture buildup and extremely adverse installation situations.

Be the first to receive samples by contacting our sales representative for further information. Samples are available from April 20, 2012.

For further information, please contact :

Jo-anne De Guzman-Ong | BDM (Factory Automation) | Email: jo-anne_deguzman@ltw-tech.com

About Amphenol LTW

LTW Technology, established in 1993, is a professional designer and manufacturer of waterproof connectors. Since April of 2010, LTW Technology was acquired by Amphenol Group and officially changed its company name to "Amphenol LTW Technology Co., Ltd.". Amphenol LTW has actively devoted to various outdoor and industrial applications by successfully developing high-end waterproof connectors to meet strict requirements; also has many worldwide patents and certification such as ISO 14001, ISO 9001 and NMEA 2000...etc.. Now Amphenol LTW is not merely a supplier of waterproof connectors but also a solution provider in diversified market segments.

Amphenol LTW Technology Co., Ltd | 9F No. 657-12 Jungjeng Road, Shinjuang District, New Taipei City, Taiwan
Telephone: +886-2-2908-5626 | Fax: +886-2-2902-9787 | Website : <http://www.amphenolltw.com>

Innovation in Waterproof Solution