

M8 & M12 Receptacle Available With Wire Leads



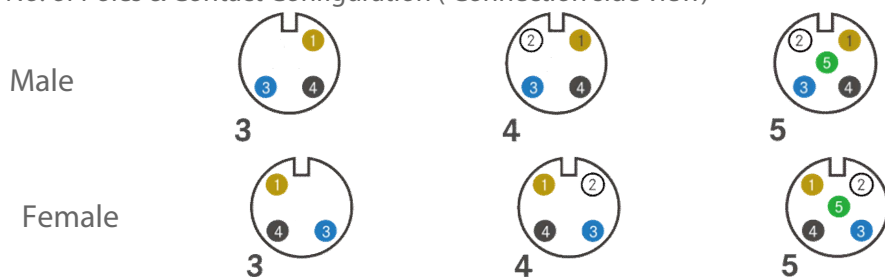
Amphenol LTW extends its M-Series Receptacle products with pre-determined wire lengths ideal for use in enclosures or for creating custom wiring configurations. Their modular design provides panel-mount capability, helps keep things neat and organized, and allows simple replacement in areas where cables are likely to be damaged or replaced frequently. Available in different pole configurations, these IEC compliant products are designed to withstand harsh-industrial and weather environments with superior quality that assures very reliable connections for control elements in automated equipment.

Specifications

Connector Type	Male and Female
Available Contacts	3~5 & 8Pins (M12); 3~4Pins (M8)
Locking Mechanism	Screw Type
Coding	A, B and D-Coded
Current Rating	M12: 3~5Pins (4A); 8Pin (2A) M8: 3~4Pins (3A)
Temperature Range	-25°C to 80°C
Degree of Protection	IP67/IP68 Unmated
Termination/Screw Mounting	Solder Pins with Wires / Front & Rear Mounting
Wire Size AWG	0.25mm ² (24AWG) UL1007 for M8 0.34mm ² (22AWG) UL1061 for 3~5Pins M12 0.25mm ² (24AWG) UL1061 for 8Pins M12
Available Lengths	150mm / 300mm / 500mm
Mechanical Operation	>100 mating cycles
Fixing Thread	M8 / PG9 / M16*1.5
Material	Nylon+GF (UL94-V0) for connector Zinc die-casting for metal housing Copper Alloy, Gold Plated for Contacts
Approval	UL/CSA

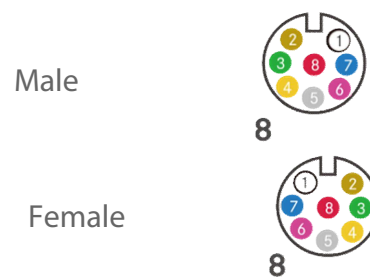
Wire Construction

No. of Poles & Contact Configuration (Connection side view)



Color Identification

1=Brown, 2=White, 3=Blue, 4=Black, 5=Green



Color Identification

1=White, 2=Brown 3=Green 4=Yellow,
5=Gray, 6=Pink, 7=Blue, 8=Red

Applications:

Wind Energy



Sensor

LED



Driver & Controller

Industrial Automation



Control cabinet
Proximity switches
Photoelectric barriers
Flow monitoring devices
Field bus components

For further information, please contact :

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About Amphenol LTW

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.



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