CABLES & RECEPTACLES MIN

OVER-MOLDED CABLES | RECEPTACLES | FIELD WIREABLES | ACCESSORIES

The MIN-Series is so named because they are generally referred to in the industry as MINI-Change, 7/8" connectors, or Mini connectors. The MIN series can be used for transmission of signal and/or power.
The MIN-Series is a popular connector choice for machine safety components, lighting, Bus Networks, robots, and numerous other applications.

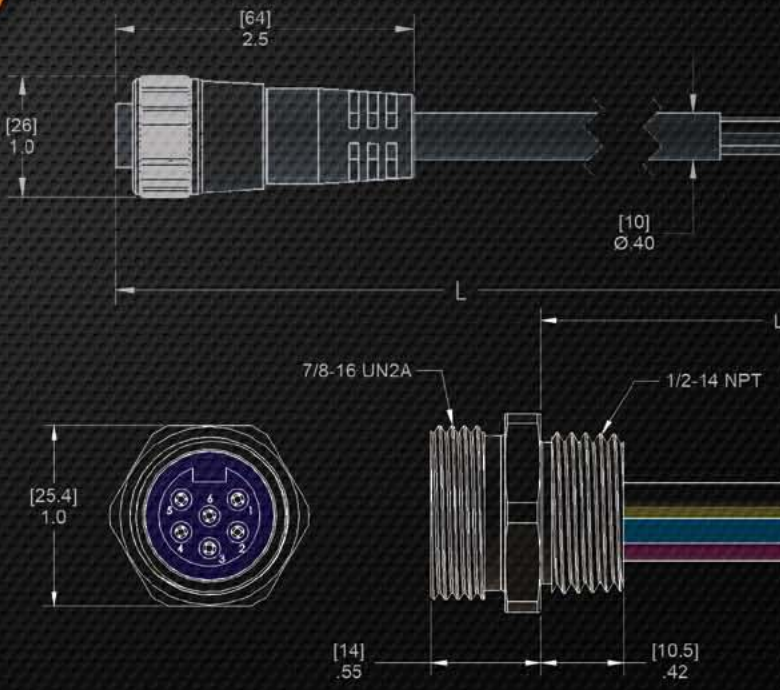
Our MIN-Series is available in 2~14 and 19 pole versions, divided into 3 different sizes.

Connector Sizes

SIZE I connectors include 2, 3, 4, 5, 6 & 14 pole versions. All of the Size I connectors are based on a 1" hex for the receptacles and utilize a 7/8" UN mating thread.

SIZE II connectors include a larger 6 pole, along with a 7 & 8 pole version. The Size II connectors are based on a 1.125" hex for the receptacles and utilize a 1" UN mating thread.

SIZE III connectors include 9, 10, 12 & 19 pole versions. The Size III connectors are based on a 1.25" hex for the receptacles and utilize a 11/8" UN mating thread.



MIN POWER CABLES & RECEPTACLES

OVER-MOLDED CABLES | RECEPTACLES | FIELD WIREABLES | T-CONNECTORS | ADAPTER PLUGS

The Mencom power distribution series provides a cost effective and time efficient, plug and play solution for your motor and machine power applications. This easy to use industrial series of molded cordsets, prewired receptacles, adapter plugs and tees, provide a quick disconnect option for applications that demand more power. Ideal for use with motors, conveyors, industrial lighting, and industrial heaters.

FIELD WIREABLE PLUGS
Right Angle

FIELD WIREABLE PLUGS
Straight

Features

- Ideal for a complete power distribution system
- Tee's and adapters configured to transition from PMIN to MINH connectors
- Keyed connectors for easy installation
- Replaces time consuming conduit installations
- **ST00W** Gray **PVC** cable
- **IP67** protection

PMIN Rating

3 Pole	10 AWG **600V, 30A**	12 AWG **600V, 25A**	14 AWG **600V, 18A**
4 Pole	10 AWG **600V, 25A**	12 AWG **600V, 20A**	14 AWG **600V, 15A**

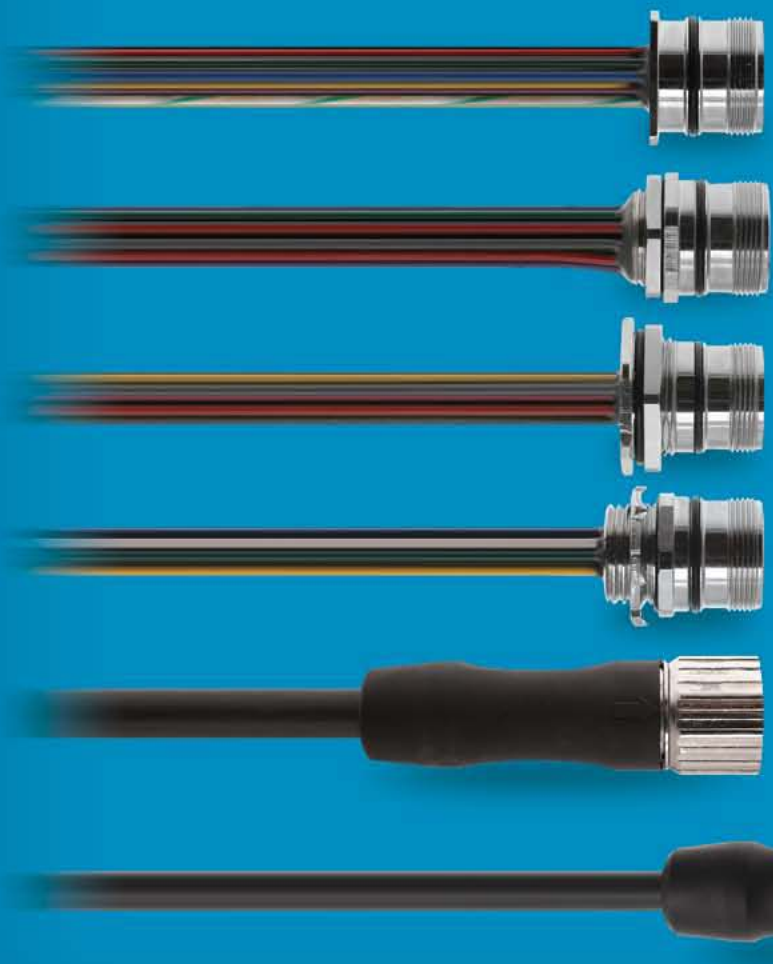
Configuration

The **MINH** Power Connectors include 3, 4 & 7 pole versions. The 3 & 4 pole connectors are based on a 1" hex for the receptacles and utilize a 7/8" UN mating thread. In this series, the 3 & 4 pole connectors use 14AWG conductors, and are rated for 600V, 18A on the 3 pole, and 15A on the 4 pole. The 7 pole connectors are based on 1.13" hex for the receptacles and utilize a 1" UN mating thread. The 7 pole connector uses a combination of two 14AWG, and five 18AWG conductors and is rated for 300V, 5A.

The **PMIN** 3 & 4 pole power connectors (often referred to as D-size) are based on a 1.5" hex for the receptacles and utilize a 1 3/8" UN2B mating thread. In this series, the 3 & 4 pole are availible in 10AWG, 12AWG & 14AWG conductors.

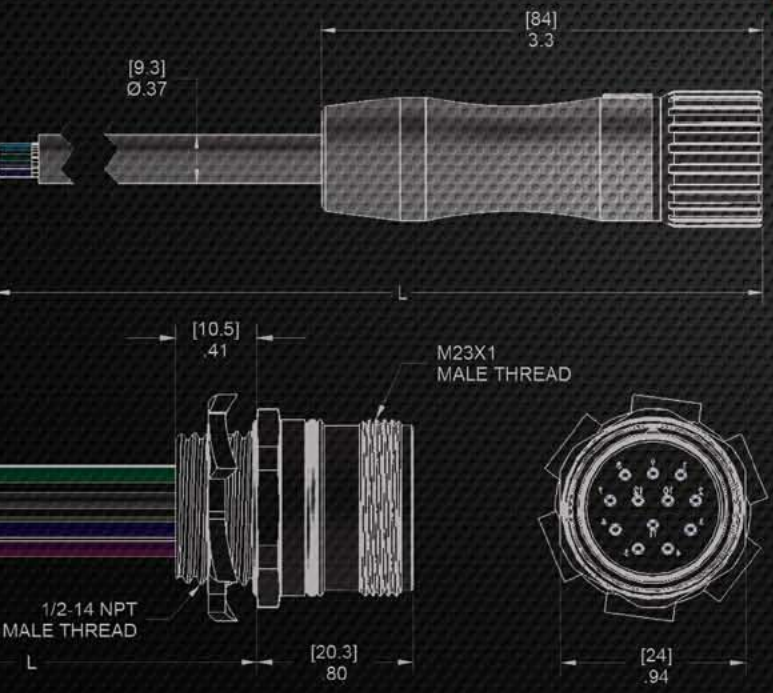
CABLES & RECEPTACLES M23

OVER-MOLDED CABLES | RECEPTACLES | FIELD WIREABLES | ACCESSORIES



The M23 series is commonly found on such items as servo drives, motors and encoders, but their versatility has made them a common choice for industrial signal and control application. The 12 and 19 pole configurations are the most common, but a variety of other pin counts are available. The "M23" refers to the size of the mating thread. Along with being the only manufacturer to offer M23 receptacles in ½" NPT back-shells, Mencom offers a wide variety of color codes to match the needs of your application.
Please contact us to discuss your requirements.

- **Competitive Pricing**
- **Fast Turnaround**
- **Custom Wiring**
- **Durable Construction**



MCV : M23 Cables

Mencom manufactures 12, 16, 17, & 19 pole over-molded cables. These cables are available with straight or right angle heads. The 16 and 17 pole cables utilize a weld resistant TPE jacket, while the 12 and 19 pole cables are available in PUR & TPE jacket. All cables are available in many standard off the shelf lengths.
For custom applications please contact the factory.

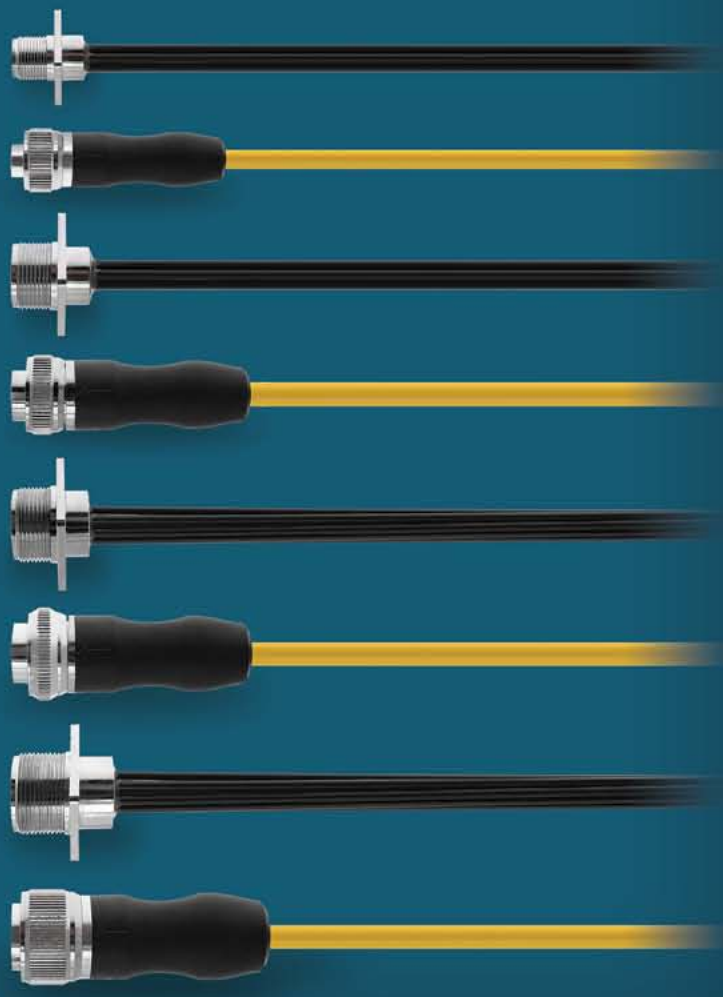
MCV : M23 Receptacles

The mating receptacles are available with 7 standard shell mountings including ½" NPT, M20, panel mount, & back mount.
The standard shell material is nickel plated brass, while the M20 is also available in stainless steel.

MIL-SPEC CABLES & RECEPTACLES

5015 INDUSTRIAL EQUIVALENT | OVER-MOLDED CABLES | RECEPTACLES | FIELD WIREABLES

Industrial MIL-Spec equivalent connectors are widely accepted in many industries and applications. Each shell size allows for a variety of pin counts and configurations that allow for power or signal.
These connectors use threaded couplings to keep the connectors mated and sealed to withstand moisture, condensation and vibration.



Applications

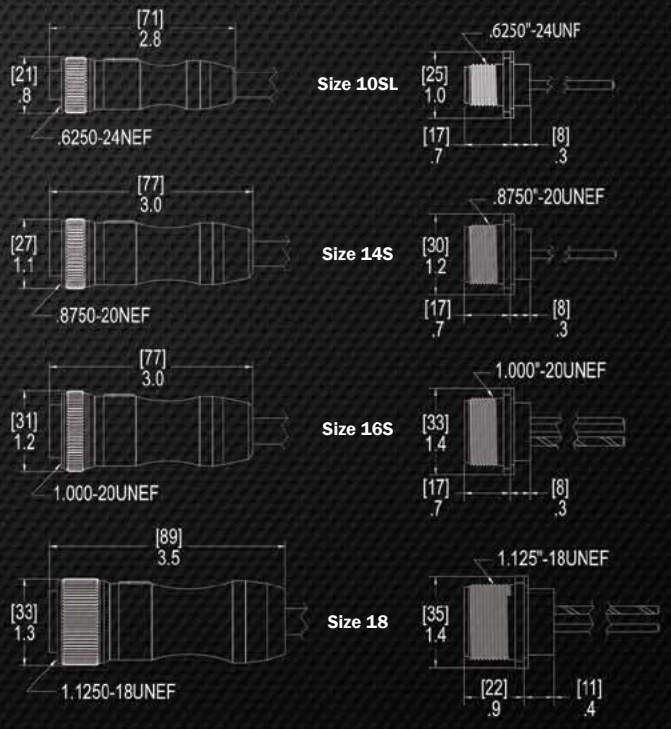
- Communications Systems
- Motorized Conveyors
- Factory Automation
- Industrial Machinery
- Industrial Instrumentation
- Medical Instrumentation
- Welding Equipment
- Earth-moving Equipment
- Mining Equipment
- Mobile Equipment
- Motion Control
- Motors
- Robotics
- Sensors
- Servos

Features

Mencom MIL-Spec equivalent connectors simplify the installation for the user while maintaining the same performance for robust applications as do the traditional MIL-Spec products. The user no longer has to purchase crimp tools or mess around with soldering because our cordsets are over-molded, and our receptacles are prewired, making installation as simple as “Plug and Play”

Sizes

Size 10SL	2 and 3 pin inserts
Size 14S	2, 3A, 3B, 3C (different pin orientations), 4, 5, 6, & 7 pin inserts
Size 16S	2, 3A, 3B, 5, & 7 pin inserts
Size 18	3, 4, 5A, 5B, 5C, 5D, 6, 10A & 10B pin inserts



CABLES & RECEPTACLES MDC/MAC/MEC/NAN

OVER-MOLDED CABLES | RECEPTACLES | FIELD WIREABLES | ACCESSORIES

MDC : Micro-DC (M12)

A-coded

The Micro-DC (MDC) series, also known as Micro-change or M12, is one of the most widely used industrial quick disconnects in the industrial market. These connectors are commonly used in factory automation for items such as sensors, actuators, motors, switches, safety light curtains and mats, and interlock switches to name a few. The MDC product is offered in 2–8 and 12 pole configurations with a variety of outer jacket material with or without shielding. The euro color code (without a ground wire) and the single keyway (A-Coded) distinguishes the MDC from other connectors that are similar in size and function.

MAC : Micro-AC (1/2”-20)

C-coded

Although commonly used for AC or DC applications, the MAC series is similar in size to the MDC series but has some unique differences. The MAC series uses a ½-20 mating thread and has a first make last break extended ground pin. The use of a double keyway (C-Coded) prevents it from accidentally plugging into one of the other similarly sized connectors.

MEC : Euro-AC (M12)

B-coded

The MEC (Euro-AC) series connector is also commonly used in AC and DC applications and it uses the M12 mating thread (like the MDC). Unlike the MDC, the MEC keyway is reversed (B-Coded) and it is available with a first make last break extended ground pin connected to a green/yellow ground wire. Made popular by the European market it has found its way into many industrial applications as well as some bus systems.

NAN : Pico (M8)

The M8 (NAN-series) is often referred to as a “pico” or “nano” connector. The small size makes it the perfect choice when space is limited. The M8 is commonly used with many of the miniature proximity and photo-electric sensors. Available in a thread-on version in 3, 4 and 6 poles, or a snap-on version for the 3 and 4 pole.