



Micro-DC Series

MDC (M12) Series, A-coded

Over-Molded Cordsets | Armored Cordsets | Receptacles | Field Wireables | Accessories

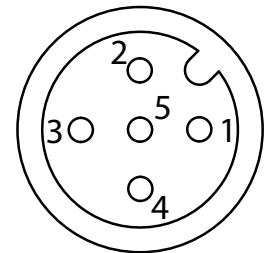
UL File #:
E149111



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. Despite the name, these euro-style connectors can be used in both AC or DC applications. They are commonly used in factory automation for items such as sensors, actuators, motors, switches, safety light curtains, mats, and interlock switches to name a few.

MDC : Micro-DC

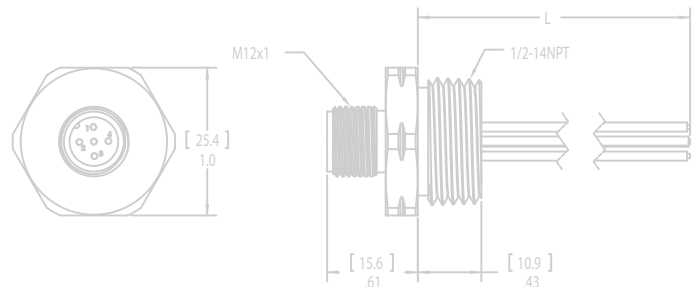
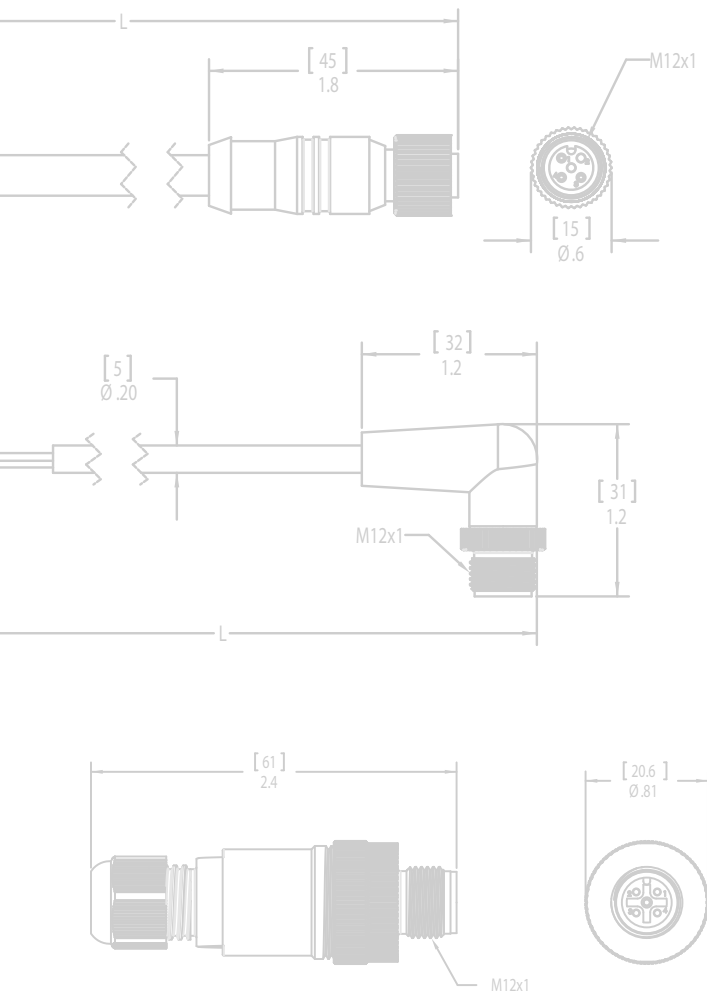
The MDC series has a single keyway which is known as A-coded. The commonly used industry term "M12" is in reference to the coupling thread used to connect the MDC cables to the mating receptacles. The MDC product is offered in 2-8 and 12 pole configurations with a variety of outer jacket materials, and other options. 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.



A-coded

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Micro-DC (M12) Series





MDC (M12) Series Receptacles

MDC Series Receptacle Part Number Matrix



Not all options available with all receptacles, please consult factory.

MDC [] - [] [] - [] - [] - [] - [] - [] - []

Style

Blank = No Ground Tab
M = Ground Tab

Number of Conductors

2
3
4
5
6
8
10
12

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle
MFR = Male - Female Through
Panel Receptacle

Mounting Style

2 = Front Mount 1/2"-14 NPT
4 = Front Mount 1/4"-18 NPT
PG7 = Front Mount PG 7 Threads
PG9 = Front Mount PG 9 Threads
FLPG9 = Front Locking PG 9 Threads
PG11 = Front Mount PG 11 Threads
PG13.5 = Front Mount PG 13.5 Threads
M14 = Front Mount Metric 14 Threads
M16 = Front Mount Metric 16 Threads
FLM16 = Front Locking M16 Threads
M20 = Front Mount Metric 20 Threads
BM = Back Mount
PM = Panel Mount
TM = Through Panel Mount

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel
N = Nylon
PASW = Plastic

R/A or Straight

Blank = Straight
R = Right Angle

Wire AWG

Blank = 22/24 AWG
18 = 18 AWG

Length in Meters

Blank = 1'

Termination Type

Blank = Pre-Wired
SC = Solder Cup
PCB = PCB Mount

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Micro-DC (M12) Series Receptacles