



Micro-DC Series

MDC (M12) Series, A-coded

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

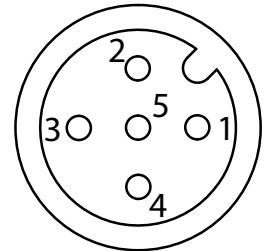
UL File #:
E149111



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

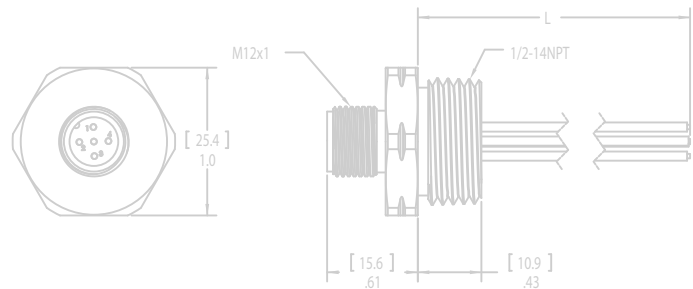
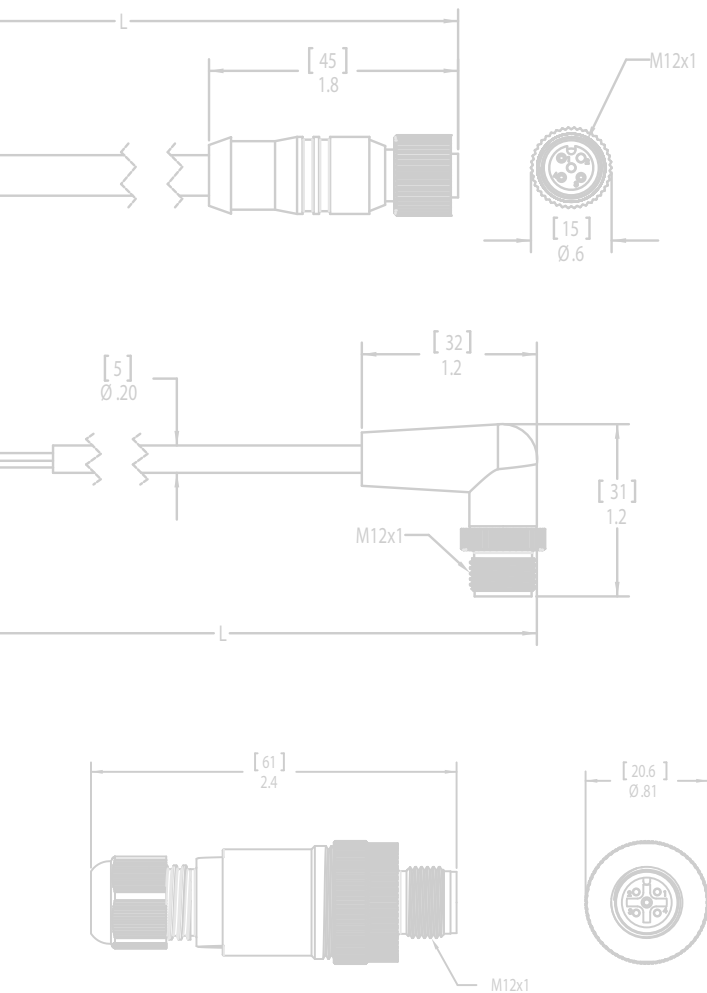
The MDC series has a single keyway which is known as A-coded. The commonly used industry term "M12" is in reference to the coupling thread used to connect the MDC cables to the mating receptacles. The MDC product is offered in 2-8 and 12 pole configurations with a variety of outer jacket materials, and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

MDC Series Cordset Part Number Matrix



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

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

Cable Type

Blank	=	PVC
B	=	PVC / Braided Shield
P	=	PUR
PQ	=	PUR / Coiled Cable
PM	=	PUR / Foil Shield
PB	=	PUR / Braided Shield
M	=	Foil Shield
W	=	TPE
WF	=	TPE / Hi-Flex

Number of Conductors

2
3
4
5
6
8
12

Connector Configuration

MP	=	Male Plug
FP	=	Female Plug
MFP	=	Male / Female Extension
MFRP	=	Male Straight / Female Right Angle
MRFP	=	Male Right Angle / Female Straight
MSP	=	Male-Shielded to Coupling Nut
FSP	=	Female-Shielded to Coupling Nut
MFPS	=	Male & Female-Shielded to Coupling Nut
MFSP	=	Female Shielded to Coupling Nut / Male Not
MSFP	=	Male Shielded to Coupling Nut / Female Not
"X"	=	Any of the above followed by an X equals 18awg

Length in Meters

1M
2M
4M
5M
6M
10M
15M

Other lengths are available by request.

Armor (See H-34 for more details)

Blank	=	No Armor
A01	=	SS w/ Cable Inside
A02	=	SS w/ Discrete Wires
A02T	=	SS w/ Teflon Discrete Wires
A03	=	PVC Covered SS w/ Cable Inside
A04	=	PVC Covered SS w/ Discrete Wires
A50	=	Silicone (Stops at Overmold)
A51	=	Silicone (Covers Overmold)

Coupling Nut

Blank	=	Nickel plated brass
SS	=	Stainless Steel

Cable Color

Blank	=	Yellow
B	=	Black
GY	=	Gray

R/A or Straight

Blank	=	Straight *
R	=	Right Angle **

* Unless the Connector Configuration is MFRP or MRFP

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

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