



DeviceNet

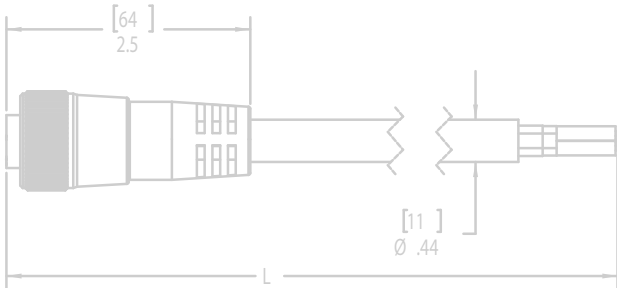
MIN(7/8"-16UN) & MDC(M12x1) Series

Over-Molded Cordsets | Receptacles | Accessories | Junction Blocks

UL File #:
E149111

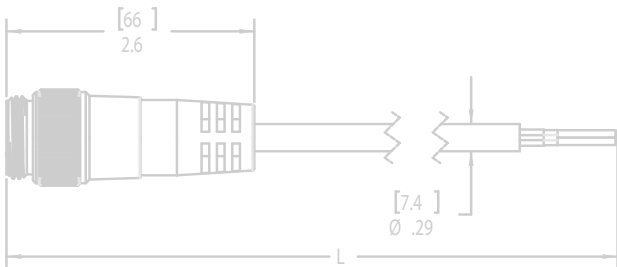


DeviceNet is a popular ring and drop system transmitting power and signal. The idea is that the information flows around the entire machine via the trunk line and all of the sensors (proxes, photos, etc.) and actuators (valves, cylinders, etc.) come off of the trunk line via drops.



Trunk Line

The DeviceNet bus system is like an expressway going around a city. The expressway is the trunk line. The trunk line is a MIN-5MFP cable that has a special DeviceNet (Thick) cable.



Drops

The exits are T connectors (a connector in the shape of a T that has 2 female connectors and one male). The exits lead to side streets that are the drops. The drops are either a 5 Pin MIN to an MDC, or, it is a 5 pin MIN to 5 pin MIN DeviceNet (Thin) cable.



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DeviceNet



DeviceNet Series Cordsets

DeviceNet Series Cordset Part Number Matrix



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



Cable Type

- MINDT = MIN Trunk Cable (7/8"-16UN)
- MINDD = MIN Drop Cable (7/8"-16UN)
- MINDCDD = MIN to MDC Extension
- MDCDD = MDC Drop Cable (M12 x 1)
- MDCUT = MDC Ultra Thin Cable (M12 x 1)

Coupling Nut

- Blank = Aluminum or Nickel Plated Brass
- SS = Stainless Steel

Connector Configuration

- FP = Female Plug
- MP = Male Plug
- MFP = Male / Female Extension

R/A or Straight

- Blank = Straight
- R = Right Angle**

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

Length in Meters

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

Other lengths are available by request.