



**Part Number :** [848548024](#)

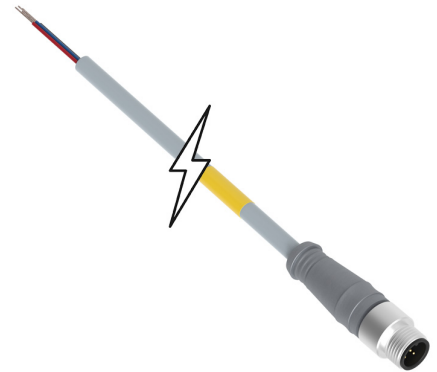
**Product Description :** DeviceNet Micro-Change Single-Ended, 5 Poles, Male (Straight) to Pigtail, NMEA 2000 Style Cable, 3.0m (9.84') Length, meets NMEA 2000

**Series Number :** 84854

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** NMEA-DND02NB-M030



---

## Documents & Resources

### Drawings

[848548024\\_sd.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Not Reviewed per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

Status	Active
Category	Circular Industrial Cordsets
Series	84854
Description	DeviceNet Micro-Change Single-Ended, 5 Poles, Male (Straight) to Pigtail, NMEA 2000 Style Cable, 3.0m (9.84') Length, meets NMEA 2000
IP Rating	IP67
Product Name	Micro-Change (M12)
Protocol	N/A
Type	Single Ended
UPC	822350909150

### Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V

### Physical

Cable Diameter	5.72mm (.225")
Cable Length	3.0m (9.84')
Color - Cable Jacket	Gray
Connector End A	Micro-Change (M12)
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Male-Pigtail
Keyway	Single
LED Indicator	None
Material - Cable Jacket	PVC
Material - Connector Body	PVC
Material - Contact	Copper Alloy

Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Orientation	Straight to Pigtail
Poles	5
Temperature Range - Operating	-20° to +80°C
Wire/Cable Type	Thin Standard Cable
Wire Size (AWG)	22

---

This document was generated on Mar 27, 2025