



# lumbergautomation

A **BELDEN** BRAND



## DeviceNet Thin Cables, PVC Grey

0935 614 101



[0935 614 101/... M](#)

Double-ended cord set, 5 pole 7/8" male to M12 female connector.

### Electrical

Current rating 4 A  
Voltage rating 250 V

0935 614 103 | 0935 614 104 | 0935 614 105



[0935 614 103/... M](#)

Double-ended cord set, 5 pole M12 male to M12 female connector.

[0935 614 104/... M](#)

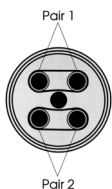
Single-ended cord set, 5 pole M12 male connector.

[0935 614 105/... M](#)

Single-ended cord set, 5 pole M12 female connector.

### Electrical

Current rating 4 A  
Voltage rating 250 V



## Pin Assignment

| male connector / female connector, 5 poles | Function  | Color |
|--------------------------------------------|-----------|-------|
| Pin 1                                      | Shield    | bare  |
| Pin 2                                      | + 24 V    | red   |
| Pin 3                                      | GND (0 V) | black |
| Pin 4                                      | CAN_H     | white |
| Pin 5                                      | CAN_L     | blue  |



# Be Certain with Belden

## DeviceNet Thin Cables, PVC Grey

### Technical Data

#### Power pair

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| Conductor           | 22 AWG stranded (0.34 mm <sup>2</sup> )<br>tinned copper |
| Insulation of lead  | PVC, with nylon outer skin                               |
| Colors of the leads | Red - black                                              |
| Shielding over pair | Twisted pair with foil shield                            |

#### Data pair

|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| Conductor           | 24 AWG stranded (0.25 mm <sup>2</sup> )<br>tinned copper                         |
| Insulation of leads | Foamed polyethelene                                                              |
| Colors of the leads | Blue - white                                                                     |
| Shielding over pair | Twisted pair with foil shield                                                    |
| Common drain wire   | 22 AWG stranded (0.34 mm <sup>2</sup> )<br>tinned copper                         |
| Overall shield      | Braided tinned copper coverage ca. 65 %                                          |
| Jacket              | PVC, Ø .270" (6.9mm) -<br>According to ODVA "THIN"<br>Specification, color: gray |
| <b>Contacts</b>     | Solid-machined brass<br>Gold over nickel plating<br>per DN spec.                 |

#### Mechanical data

|                      |                 |
|----------------------|-----------------|
| Degree of protection | IP 67 / NEMA 6P |
|----------------------|-----------------|

#### Agency approvals

UL = type CMB and AWM 2969  
CSA = I/II A/B 80C 300V  
FT4

| Part Number       | Standard Cable Lengths                              |                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0935 614 101/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |    |
| 0935 614 103/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |    |
| 0935 614 104/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |    |
| 0935 614 105/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |    |

# Mouser Electronics

Authorized Distributor

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[0935 614 105/1M](#) [0935 614 105/2M](#) [0935 614 101/5M](#) [0935 614 101/6M](#) [0935 614 104/5M](#) [0935 614 104/6M](#) [0935](#)  
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