



# lumbergautomation

A **BELDEN** BRAND



## DeviceNet Mid High-Flex Cables, TPE Black

0935 709 103 | 0935 709 104 | 0935 709 105



### 0935 709 103/... M

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

### 0935 709 104/... M

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

### 0935 709 105/... M

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

#### Electrical

Current rating 4 A  
Voltage rating 250 V

0935 709 301 | 0935 709 302 | 0935 709 303



### 0935 709 301/... M

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

### 0935 709 302/... M

Single-ended cord set, 5 pole 7/8" male connector.

### 0935 709 303/... M

Single-ended cord set, 5 pole 7/8" female connector.

#### Electrical

Current rating 8 A power / 4 A signal  
Voltage rating 300 V

0935 709 101

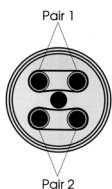


### 0935 709 101/... M

Double-ended cord set, 5 pole 7/8" male to 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    |       |
| 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 Mid High-Flex Cables, TPE Black

### Technical Data

#### Power pair

|                     |                               |
|---------------------|-------------------------------|
| Conductor           | 16 AWG stranded tinned copper |
| Insulation of lead  | PVC                           |
| Colors of the leads | Red - black                   |
| Shielding over pair | Twisted pair with foil shield |

#### Data pair

|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Conductor           | 20 AWG stranded tinned copper                                                                       |
| Insulation of leads | Foamed polyethelene                                                                                 |
| Colors of the leads | Blue - white                                                                                        |
| Shielding over pair | Twisted pair with foil shield                                                                       |
| Common drain wire   | 20 AWG stranded tinned copper                                                                       |
| Overall shield      | Foil Shield: Aluminum/mylar foil shield, coverage 100%, Braided Shield: tinned copper, coverage 65% |
| Jacket              | TPE, Ø .380" (9.7mm) - According to ODVA "MID" Specification, color: black                          |

#### Contacts

Solid-machined brass  
Gold over nickel plating  
per DN spec.

#### Mechanical data

Degree of protection IP 67 / NEMA 6P

#### Agency approvals

UL = Type AWM 20626  
CSA = I/II A/B 80C 300V  
FT1

| Part Number       | Standard Cable Lengths                              |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0935 709 103/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |
| 0935 709 104/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |
| 0935 709 105/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |
| 0935 709 301/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |
| 0935 709 302/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |
| 0935 709 303/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |
| 0935 709 101/...M | 0.3 M   0.6 M   1 M   2 M   3 M   5 M   10 M   15 M |     |