



lumbergautomation

A **BELDEN** BRAND



DeviceNet Thick Cables, PVC Grey

0935 613 301 | 0935 613 304 | 0935 613 305



0935 613 301/... M

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

0935 613 302/... M

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

0935 613 303/... M

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

Electrical

Current rating 8 A
Voltage rating 300 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 Thick Cables, PVC Grey

Technical Data

Power pair

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

Data pair

Conductor	18 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	18 AWG stranded tinned copper
Overall shield	Braided, tinned copper, coverage 65%
Jacket	PVC, Ø .430" (10.9mm) - According to ODVA "THICK" Specification, color: gray

Contacts

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

Mechanical data

Degree of protection IP 67 / NEMA 6P

Agency approvals

UL=CL2 AND type AWM 2969
CSA=AWM I/II A/B 80C 300V
FT4

Part Number	Standard Cable Lengths	
0935 613 301/...M	0.3 M 0.6 M 1 M 2 M 3 M 5 M 10 M 15 M	
0935 613 302/...M	0.3 M 0.6 M 1 M 2 M 3 M 5 M 10 M 15 M	
0935 613 303/...M	0.3 M 0.6 M 1 M 2 M 3 M 5 M 10 M 15 M	