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

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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