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A BELDEN BRAND

DeviceNet

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

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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