

DeviceNet®



DeviceNet is a bus system developed by Allen-Bradley (Rockwell Automation) that connects industrial devices such as limit switches, photo-electric switches, variable frequency drives, motor starters, valve islands, PLC's or any other on-line bus system component. There are two versions of Trunk (Thick) and Drop (Thin) available for stationary or high flexing applications designed for easier installations and resistance to vibration fatigue. All DeviceNet cables contain one data pair and one power pair. Available in a gray PVC or a purple polyurethane (PUR) jacket.



- **BENDING RADIUS:** 10 x Cable Diameter
- **TEMPERATURE:** PVC -20° C. to +80° C. / PUR -40° C. to +80° C.
- **RATED WORKING VOLTAGE:** 300V.
- **STRANDING:** VDE 0295 Class 5 - IEC 60228 (fine bare copper)
- **COLOR CODE:** Power Pair (Red & Black) , Data Pair (Blue & White)
- **APPROVALS:** UL/CSA CMG & CMX, UL PLTC, CE Low-Voltage Directive & ROHS Compliant.



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PART NUMBER		AWG	PAIRS	NOMINAL OD	LBS/MFT	KG/KM
PVC (UL/CSA CMG)						
8301815	Data	18	1	0.480" / 12.2mm	129	192
Trunk / Thick	Power	15	1			
8302422	Data	24	1	0.272" / 6.9mm	45	67
Drop / Thin	Power	22	1			
Halogen-Free (UL/CSA CMG)						
8321815	Data	18	1	0.480" / 12.2mm	131	195
Trunk / Thick	Power	15	1			
8322422	Data	24	1	0.272" / 6.9mm	47	70
Drop / Thin	Power	22	1			

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PART NUMBER		AWG	PAIRS	NOMINAL OD	LBS/MFT	KG/KM
PVC (UL/CSA CMG)						
8311815	Data	18	1	0.480" / 12.2mm	131	195
Trunk / Thick	Power	15	1			
8312422	Data	24	1	0.272" / 6.9mm	47	70
Drop / Thin	Power	22	1			
Polyurethane (UL/CSA CMX)						
8331815	Data	18	1	0.480" / 12.2mm	123	184
Trunk / Thick	Power	15	1			
8332422	Data	24	1	0.272" / 6.9mm	46	68
Drop / Thin	Power	22	1			

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