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ISO 9001: 2008

PRODUCT DATA SHEET

Part No: 98-2202

CERTIFICATIONS AND CONSTRUCTION SPECIFICATIONS

Description	2 Conductor 22 AWG, Unshielded 300V Control and Instrumentation Cable		
Specification Reference	CSA C22.2 No. 239 Control and Instrumentation Cables CSA C22.2 No. 75 Thermoplastic Insulated Wires and Cables		
Conductor	22 AWG 7 Strand Bare Copper - Concentric		
ASTM Standard	ASTM B8		
Conductor Diameter	0.030" / 0.76 mm		
Insulation Type	Flame Retardant PVC		
Insulation Thickness	0.020" / 0.51 mm		
Conductor Identification	Black, White		
Bonding Conductor	None		
Cable Assembly	Conductors are cabled together and taped with an overall clear mylar tape. A PVC jacket is applied overall.		
Ripcord	Polyester Ripcord included under the jacket		
Jacket	Flame Retardant PVC		
Jacket Thickness	0.045" / 1.14 mm (minimum average)		
Overall Cable Diameter	0.244" / 6.20 mm		
Jacket Print	DECA 2/C 22 AWG 300V CSA TYPE CIC 75C WET/105C DRY PVC SUN RES -25C FT4 LL83251 ---- ROHS work order #, month, year, metre markings (every 1 metre)		

ELECTRICALS

Voltage	300V		
Conductor Resistance	50.33	Ohms/KM @20C	15.34 Ohms/Mft @20C

APPLICATIONS AND PHYSICAL PROPERTIES

Applications	Hazardous Locations: Class I, Zone 2, Class II, Zone 22 (Div2)			
Flame Test Rating	CSA FT4			
Temperature Rating	-25C to 75C Wet/105C Dry			
Cable Weight	37	kgs/km	25	lbs/1000ft
Copper Content	6	kgs/km	4	lbs/1000ft
Max Pull Tension (Eye)	7	kgs	15	lbs
Min Bending Radius	51	mm (installed)	2.00	inches (installed)
Nominal Cable Length	3000	metres	9842	feet
Min Install Temperature	-25C			

Rev. 000

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