Product: 9363

High Perform Instr, 1 Tri #22 Str TC, PVC Ins E1, OS, PVC Jkt, PLTC-ER

Request Sample

Product Description

High Performance Instrumentation, 1 Triad 22AWG (7x30) Tinned Copper, PVC Insulation E1 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC-ER

Technical Specifications

Product Overview

Suitable Applications:	Instrumentation, Sensors, Valves, Positioners, RTD, 4-20mA, 0-10V

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Triad(s)	1	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.017	Black, White, Red

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	22 AWG (7x30) TC

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in	0.210 in	Yes

Cable Diameter (Nominal):	0.210 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Max. Current
Triad(s)	15.0 Ohm/1000ft	26 pF/ft	45 pF/ft	3.8 Amps per Conductor at 25ºC

Nom Outer Shield DCR:	60 Ohm/1000ft

Voltage

UL Voltage Rating
300 V (PLTC, CMG), 150 V (ITC)

Mechanical Characteristics

Temperature

UL Rating	Operating
105°C	-30°C to +105°C

Table Notes:	AWM 80°C

Bend Radius

Stationary Min.
2 in

Max. Pull Tension:	33 lbs
Bulk Cable Weight:	26

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, T-29-520, 1202
NEC / UL Compliance:	CMG, ITC-ER, PLTC-ER
AWM Compliance:	2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.364 Revision Date: 07-28-2020

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