



Product: [123086A](#)

DeviceBus® for Honeywell SDS, 2 Pr #16+20 Str TC, PVC+FPE Ins, IS, PVC Jkt, AIA, PVC Jkt, CL2

Product Description

DeviceBus® for Honeywell SDS, 2 Pair 16+20AWG (19x28+19x32) Tinned Copper, PVC+Foam PE Insulation, Individual Beldfoil® Shield, PVC Inner Jacket, Aluminum Interlock Armor, PVC Outer Jacket, CL2

Technical Specifications

Suitable Applications:	harsh environment, IIoT, factory or process automation, video, audio, data communication, etc.
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Conductor

Element	Number of Element	AWG	Stranding	Material
Power Pair(s)	1	16	19x28	TC - Tinned Copper
Data Pair(s)		20	19x32	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Power Pair(s)	PVC - Polyvinyl Chloride	0.016 in	Blue & Brown
Data Pair(s)	PE - Polyethylene (Foam)	0.042 in	Black & White

Inner Shield Material

Element	Shield Type	Material	Coverage	Drainwire Type	Notes
Power Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%		
Data Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (19x32) TC	Power & Data Pairs share same Drainwire

Inner Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.398 in

Armor

Armor Type & Material
AIA - Aluminum Interlock Armor

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.050 in	0.698 in

Cable Diameter (Nominal):	0.698 in
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Electricals

Element	Characteristic Impedence	Nom. Velocity of Prop.
Power Pair(s)		
Data Pair(s)	120 Ohm	76%

High Frequency (Nominal/Typical)

Element
Data Pair(s)

Table Notes:	-40C
Environmental Suitability:	Sunlight Resistance
NEC / UL Compliance:	Article 725, CL2

CEC / C(UL) Compliance:	HLBCD
Update and Revision:	Revision Number: 0.32 Revision Date: 09-30-2020

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