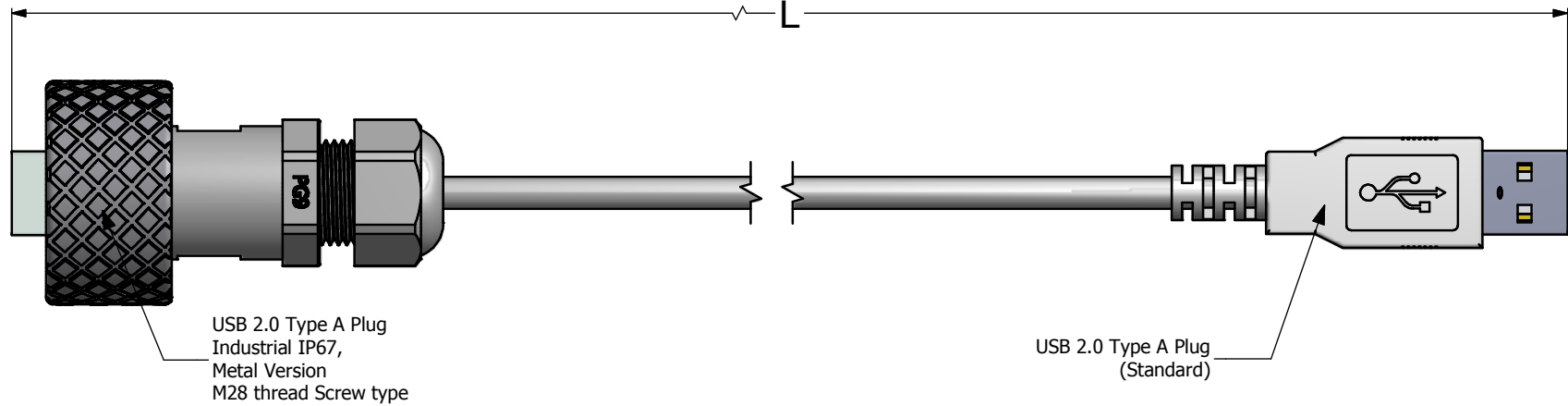




NOTES:

1. Electrical Specifications:

- Meets USB 2.0 specifications
- Low level Contact Resistance: 30 mOhm max.
- Insulation Resistance 1000 MOhm min.
- Current Rating: 1.5 A max. @ 25°C
- DWV: 500 VAC/60s at sea level
- Operating Temperature: -40°C to +80°C

2. Material and Finish:

- Coupling Ring: Brass, Nickel Plated
- Plug Housing: ABS, UL94 V-0, Nickel Plated
- Interfacial Seal: Silicone, Color: White
- Cable Gland: Brass, Nickel Plated
- Cable Gland Seal: NBR, Color: Black
- USB Insulator: PBT, UL 94V-0, Color: White
- USB Overmold: PVC, UL 94V-0, Color: Black
- USB Metal Shell: SPCC, Nickel plated
- USB Contact: Copper Alloy, 30 u" min. Au over 40 u" min. Nickel Plated

3. Shielded USB Cable Configuration

AWM 2725 AWG28/1p + AWG24/2c, OD: 4.5 mm Color: black

Cable Length L	Part Number
0.5 m ± 0.01 m	17-230431
1 m ± 0.01 m	17-230441
2 m ± 0.02 m	17-200371
3 m ± 0.03 m	17-200381
4.5 m ± 0.05 m	17-200391

Customer:			Tolerance Unless otherwise specified		Autodesk Inventor	Scale: 1.5:1	Dim. in m
Name	Title	Approval Date	0 PLC	± 0.30		Material: See Notes	
			1 PLC	± 0.20			
			2 PLC	± 0.10		Title: USB Patch Cord (Metal Version) USB 2.0 Type A Plug (Industrial) to USB 2.0 Type A Plug (Standard)	
			3 PLC	± 0.05			
			ANGLES	± 1°		Drawing No.: 17K1A117	
c	1 x c	May/12/2016	Vincent Ke	Norm			
b		Jan/19/2009	Vincent Ke	D-old		Part No.: SEE P/N ABOVE	
a	original						
Rev.	Changes	Date	Name				

RoHS Compliant

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