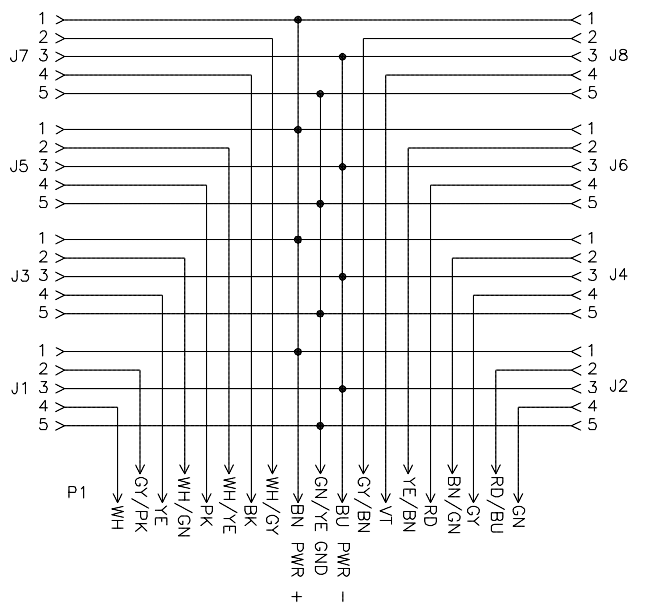


SPECIFICATIONS	
CABLE DATA	
OUTER JACKET MATERIAL/COLOR	TPU/YELLOW
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	20 AWG DRAIN/POLYESTER FOIL SHIELD
MATERIAL	
HOUSING/COLOR	NYLON/BLUE
RECEPTACLE	BRASS/NICKEL
CONTACT CARRIERS/COLOR	TPU/BLACK
CONTACTS	BRASS/GOLD
SEALING RING	VITON O-RING
ELECTRICAL DATA	
OPERATING VOLTAGE	10-48 VDC
OPERATING CURRENT	3.0 AMPS PER PORT, 9.0 AMPS TOTAL
MECHANICAL DATA	
PROTECTION CLASS to DIN 40050	IP 67 ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-30°C to +80°C (-25°F to +176°F)

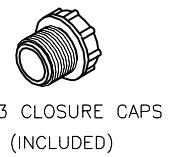


**CONNECTORS J1-J8**

1 = VOLT (+)  
 2 = SIGNAL 2  
 3 = VOLT (-)  
 4 = SIGNAL 1  
 5 = GROUND

CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

\* UNLESS OTHERWISE SPECIFIED



- NOTES:
- "\*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
  - "/S90" DESIGNATES POLYURETHANE (TPU) CABLE.

SOURCE DRAWING - FOR REFERENCE ONLY

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1.		DRFT	RWC	DATE	07/07/09
2.		APVD		SCALE	1=2.0
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		MILLIMETER [ INCH ]		VB 80.5-*/S90	
MATERIAL	CONTACT TURCK FOR MORE INFORMATION	IDENTIFICATION NO.		REV	
SEE SPECIFICATIONS				D	
FINISH	DO NOT SCALE THIS DRAWING	FILE: 777000458		SHEET 1 OF 1	
SEE SPECIFICATIONS					

D	UPDATE CABLE DIAMETER	KMY	03/05/14	44461
REV	DESCRIPTION	BY	DATE	ECO NO.