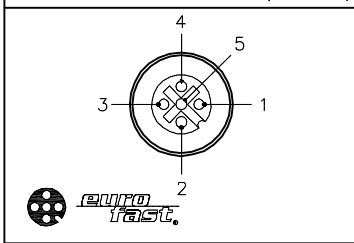


FEMALE END VIEW(J1-8)



SPECIFICATIONS

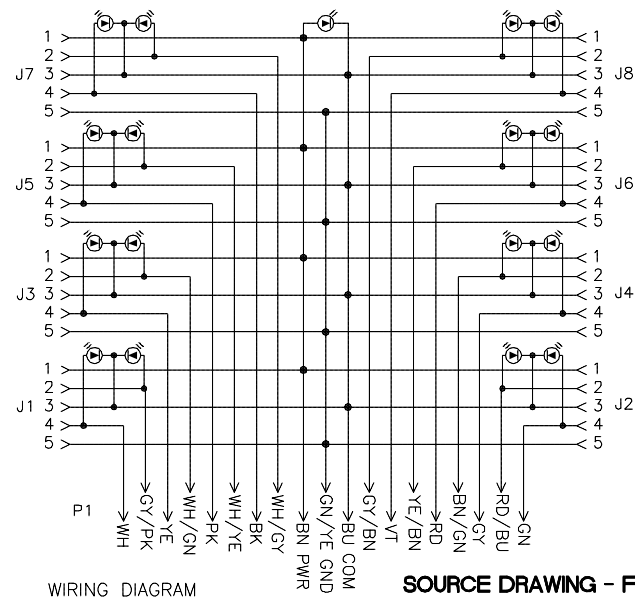
CABLE DATA	
NUMBER OF CONDUCTORS [AWG]	3x18 AWG/16x22 AWG
DRAIN/SHIELD	20 AWG DRAIN/POLYESTER FOIL SHIELD
CONDUCTOR INSULATION MATERIAL	PVC
OUTTER JACKET MATERIAL/COLOR	PVC/YELLOW
MATERIAL	
HOUSING/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIERS	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
SEALING RING	FKM/FPM
ELECTRICAL DATA	
OPERATING VOLTAGE	10-48 VDC
OPERATING CURRENT	4.0 AMPS PER PORT, 9.0 AMPS TOTAL
LED CURRENT	12mA MAX AT 48VDC SUPPLY VOLTAGE(PER LED)
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)

Female J1-J8

1=V+	2=Load 2
3=V-	4=Load 1
5=Gnd	

PORT	PINOUT
J1/L	15/WH
J1/2	7/GY/PK
J2/4	5/GN
J2/2	4/RD/BU
J3/4	16/YE
J3/2	8/WH/GN
J4/4	3/GY
J4/2	14/BN/GN
J5/4	17/PK
J5/2	9/WH/YE
J6/4	2/RD
J6/2	15/YE/BN
J7/4	11/BK
J7/2	10/WH/GY
J8/4	1/VT
J8/2	18/GY/BN

VOLT+	19/BN
VOLT-	6/BU
GND	12/GN/YE



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:
1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	DRFT	JB	DATE	12/31/01	DESCRIPTION	8MB12-5P3-*
1.			APVD		SCALE	1=2.0	IDENTIFICATION NO.	
2.					UNIT OF MEASUREMENT	MILLIMETER [INCH]	REV	F
3.					CONTACT TURCK FOR MORE INFORMATION			
4.					DO NOT SCALE THIS DRAWING			



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F	UPDATED SEALING RING MATERIAL PER ECO	TV	08/10/16	56141
REV	DESCRIPTION	BY	DATE	ECO NO.