

MALE END VIEW	MALE END VIEW	WIRING DIAGRAM	SPECIFICATIONS																										
<div></div> <div>1 = N/C 2 = GREEN (BUS_A) 3 = N/C 4 = RED (BUS_B) 5 = BARE (SHIELD)</div> <div></div>	<div></div> <div>1 = N/C 2 = N/C 3 = BUS_B (RED) 4 = N/C 5 = N/C 6 = N/C 7 = N/C 8 = BUS_A (GREEN) 9 = N/C</div>	<div></div>	<table><tr><td>CONTACT CARRIER MATERIAL/COLOR (P1)</td><td>NYLON or TPU/BLACK</td></tr><tr><td>MOLDED HEAD MATERIAL/COLOR (P1)</td><td>TPU/BLACK</td></tr><tr><td>CONTACT MATERIAL/PLATING (P1)</td><td>BRASS/GOLD</td></tr><tr><td>COUPLING NUT MATERIAL/PLATING (P1)</td><td>BRASS/NICKEL</td></tr><tr><td>HOUSING MATERIAL/COLOR (P2)</td><td>NYLON/BLACK</td></tr><tr><td>OUTER JACKET MATERIAL/COLOR</td><td>PVC/VIOLET</td></tr><tr><td>CONDUCTOR INSULATION MATERIAL</td><td>POLYETHYLENE</td></tr><tr><td>NUMBER OF CONDUCTORS [AWG]</td><td>2x22 AWG (SHIELDED DATA PAIR w/ 22 AWG DRAIN WIRE)</td></tr><tr><td>SHIELDING</td><td>ALUM. MYLAR PLUS TINNED COPPER BRAIDED</td></tr><tr><td>TEMPERATURE RANGE (D9S)</td><td>0°C to 60°C (32°F to 140°F)</td></tr><tr><td>PROTECTION CLASS</td><td>NEMA 1,3,4,6P AND IEC IP68 (IP20 (D9S))</td></tr><tr><td>INCLUDES PROFIBUS TERMINATING RESISTOR</td><td>YES</td></tr><tr><td>MAX. PANEL THICKNESS</td><td>3.0mm [0.12"]</td></tr></table>	CONTACT CARRIER MATERIAL/COLOR (P1)	NYLON or TPU/BLACK	MOLDED HEAD MATERIAL/COLOR (P1)	TPU/BLACK	CONTACT MATERIAL/PLATING (P1)	BRASS/GOLD	COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL	HOUSING MATERIAL/COLOR (P2)	NYLON/BLACK	OUTER JACKET MATERIAL/COLOR	PVC/VIOLET	CONDUCTOR INSULATION MATERIAL	POLYETHYLENE	NUMBER OF CONDUCTORS [AWG]	2x22 AWG (SHIELDED DATA PAIR w/ 22 AWG DRAIN WIRE)	SHIELDING	ALUM. MYLAR PLUS TINNED COPPER BRAIDED	TEMPERATURE RANGE (D9S)	0°C to 60°C (32°F to 140°F)	PROTECTION CLASS	NEMA 1,3,4,6P AND IEC IP68 (IP20 (D9S))	INCLUDES PROFIBUS TERMINATING RESISTOR	YES	MAX. PANEL THICKNESS	3.0mm [0.12"]
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TYPICAL PANEL CUTOUT

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

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

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC High Technology Sensors and Automation Controls 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
	MATERIAL	DRFT RDS	DATE 09/22/05	DESCRIPTION FSSDWE D9S/T 455-*M	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DSGN	SCALE 1=1.3	IDENTIFICATION NO.	
		UNIT OF MEASUREMENT MILLIMETER [INCH]		REV F	
DO NOT SCALE THIS DRAWING		FILE: 777011768		SHEET 1 OF 1	

F	REMOVE RATED CURRENT AND VOLTAGE	CK	05/03/11	34896
REV	DESCRIPTION	BY	DATE	ECO NO.