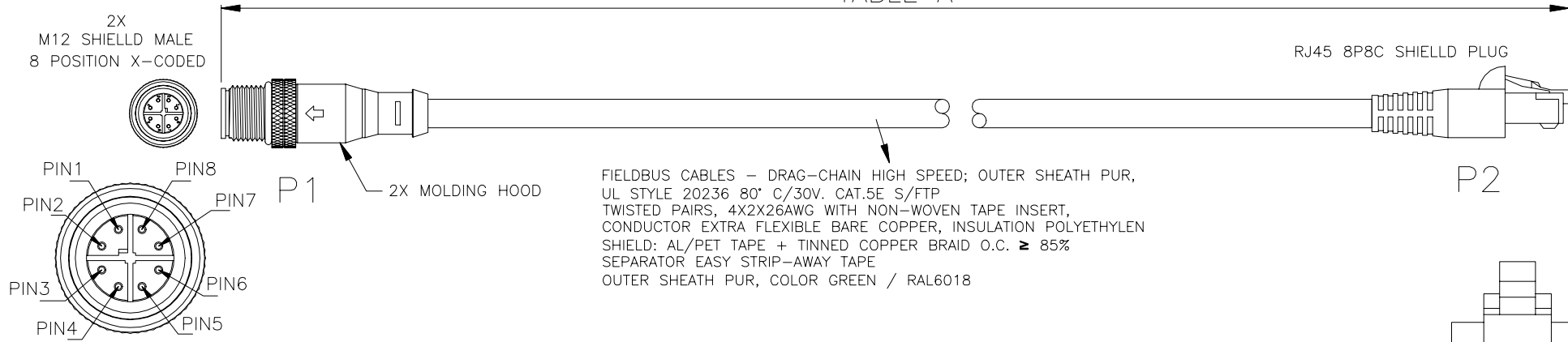


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CUSTOMER DRAWING  
DRWC-XXXXXX

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Philip	Richard	07/12/2023
02					
03					

TABLE A



FIELD BUS CABLES - DRAG-CHAIN HIGH SPEED; OUTER SHEATH PUR, UL STYLE 20236 80° C/30V. CAT.5E S/FTP TWISTED PAIRS, 4X2X26AWG WITH NON-WOVEN TAPE INSERT, CONDUCTOR EXTRA FLEXIBLE BARE COPPER, INSULATION POLYETHYLEN SHIELD: AL/PET TAPE + TINNED COPPER BRAID O.C. ≥ 85% SEPARATOR EASY STRIP-AWAY TAPE OUTER SHEATH PUR, COLOR GREEN / RAL6018

FRONT VIEW

NOTES:

MATERIAL:  
CONNECTOR: M12 X-CODE MALE  
HOUSING: PBT UL94V-0 BLACK  
CONTACT: BRASS, 10 MICRO INCHES MIN. GOLD FLASH  
NUT: BRASS, NICKEL PLATED  
SHELL: ZN ALLOY, NICKEL PLATED  
BACK SHELL: BRASS, NICKEL PLATED

CONNECTOR: RJ45 8P8C  
HOUSING: PC UL94V-2  
CONTACT: PHOSPHOR BRONZE FINE GOLD  
SHIELD: PLATED OVER NICKEL  
APPLICATION: 26AWG STRANDED

MOLDING HOOD: POLYVINYL CHLORIDE(PVC), BLACK

ELECTRONIC:  
RATED VOLTAGE: 30V  
RATED CURRENT: 0.5A

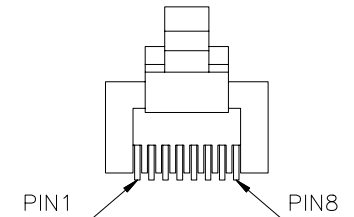
APPLICATION:  
WATER PROOF IS IP67(MATED)

ENVIRONMENTAL:  
OPERATING TEMPERATURE RANGE: -40°C TO 80°C (DYNAMIC)  
CABLE JACKET RESISTANCE: OIL, FLAME, HALOGEN FREE  
CABLE FILEX LIFE: 10 MILLION CYCLE TEST (6.5X CABLE OD)

TESTING CONDITION:  
CONDUCTIVE RESISTANCE 2 Ohm Max.  
INSULATION RESISTANCE 20M Ohm Min  
WITH DC200V DURING 0.05second.

WIRE LIST

P1		P2
1	WHITE/ORANGE	1
2	ORANGE	2
3	WHITE/GREEN	3
4	GREEN	6
5	WHITE/BLUE	4
6	BLUE	5
7	WHITE/BROWN	7
8	BROWN	8
Shell	BRAID	Shell



FRONT VIEW

TABLE A

JPC P/N	Length(mm)
PZBJKB030-0002	3000 <sup>+30</sup> <sub>0</sub>
PZBJKB050-0002	5000 <sup>+50</sup> <sub>0</sub>

RoHS COMPLIANT	Unit:mm(inch)	PROJECTION 	<b>ZCables.com</b>		PD./FILE NO.
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/12/2023 Philip			
	0 ±1 (0.039)	CH.K 07/12/2023 Philip	TITLE M12 X Code 8 Pin Male To RJ45 Plug Shield Motion BUS Industrial Ethernet CAT5e Cable	REV. 01	
	0.0 ±1.5 (0.02)	APV.D 07/12/2023 Richard	SCALE 1:1 SIZE A4 PART NO. XXXXXXXX-XXXX		SHEET 1 OF 1