

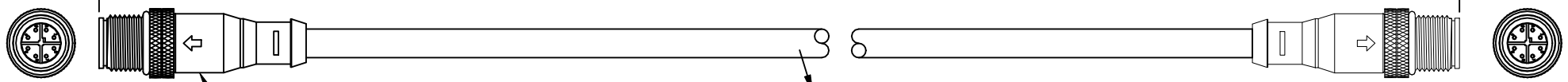
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CUSTOMER DRAWING
DRWC-XXXXXX

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

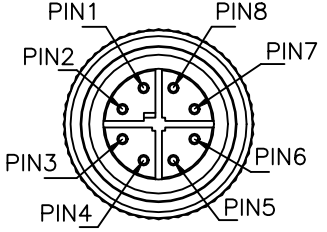
2X
M12 SHIELLD MALE
8 POSITION X-CODED

3000⁺³⁰₋₀

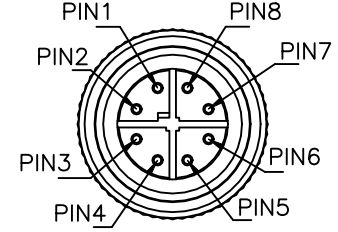


P1 2X MOLDING HOOD

P2



FRONT VIEW



FRONT VIEW

FIELDBUS 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

WIRE LIST

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

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

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.

RoHS COMPLIANT	Unit:mm(inch)	PROJECTION	ZCables.com		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)				
	0 =±1 (0.039)	D.R. 07/12/2023 Philip	TITLE	PD./FILE NO.	
	0.0 =±.5 (0.02)	CH.K 07/12/2023 Philip	M12 X-code 8pin Male MotionBUS Industrial Ethernet CAT.5e Cable	-	
0.00 =±.3 (0.012)	APV.D 07/12/2023 Richard	SCALE	SIZE	PART NO.	REV. 01
0.000=±.15(0.006)		1:1	A4	PZBJKD030-0002	SHEET 1 OF 1
0 =± 2'					
0.0 =± 1'					