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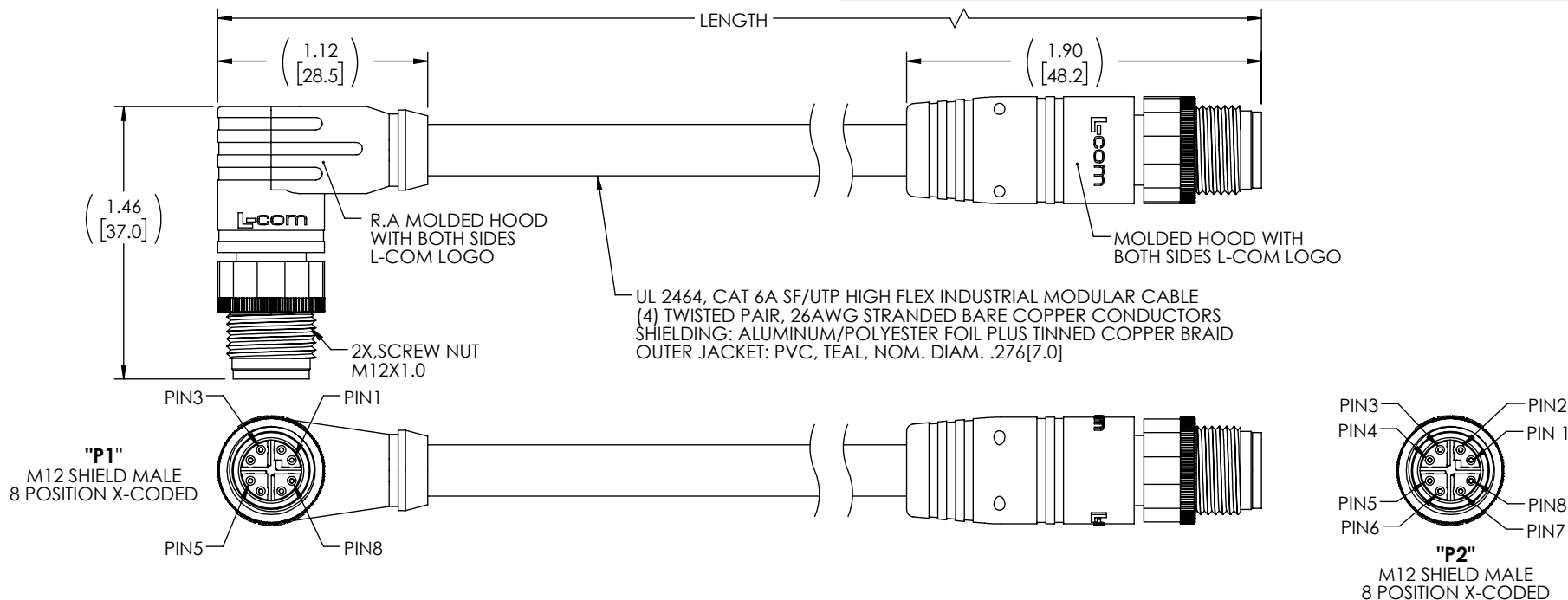
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REVISION				
ZONE	REV	DESCRIPTION	DATE	CHANGED BY
	A	INITIAL RELEASE	08/04/2025	BZHANG
		APPROVED	WLI	



#### NOTES

##### MATERIAL:

MOLDED HOOD: PVC, BLACK, UV RESISTANCE  
M12 INSULATOR: NYLON, BLACK  
M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE  
M12 CONTACTS: PHOSPHOR BRONZE, 15" MIN. GOLD PLATE

##### ELECTRICAL:

NOMINAL VOLTAGE RATING: 48 VAC/VDC  
MAX CURRENT: 0.5A

##### APPLICATION:

INGRESS PROTECTION RATING IS IP67 (MATED).

##### ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -40°C TO +75°C  
CABLE JACKET: OIL, SUNLIGHT and WELD SPLATTER RESISTANT  
CABLE FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD)  
10 MILLION CYCLE TEST (20X CABLE OD)

##### MISCELLANEOUS

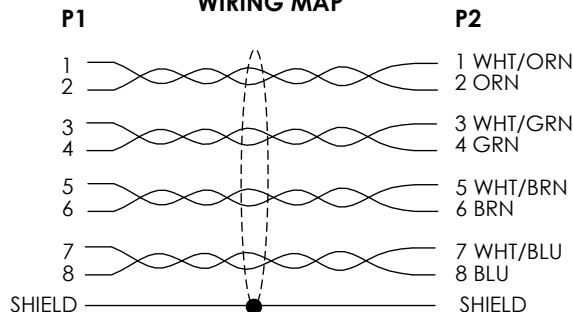
CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY  
WIRED TO IEC 61076-2-109 STANDARDS  
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031

##### REGULATORY COMPLIANCE:



EU ROHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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#### WIRING MAP



PARTNUMBER	LENGTH	
	METERS	FEET
TRG612-C6T-05M	0.5	1.64
TRG612-C6T-1M	1.0	3.28
TRG612-C6T-2M	2.0	6.56
TRG612-C6T-3M	3.0	9.84
TRG612-C6T-5M	5.0	16.41
TRG612-C6T-10M	10.0	32.81
TRG612-C6T-15M	15.0	49.22

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		<div>L-com®</div> <div>an INFINIT@ brand</div> <div>Website: <a href="http://www.L-com.com">www.L-com.com</a></div> <div>Phone: 1.800.341.5266   1.978.682.6936</div>		<div></div> <div>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</div>	
TOLERANCES:				SCALE	SHEET
X = ±.2 [5] XX = ±.02 [0.5] XXX = ±.005 [0.13]		FRACTIONS ± 1/32 ANGLES ± 1°		NONE	1 OF 1
CABLE LENGTH TOLERANCES:  ≤12 [305] = +1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0		DESCRIPTION			
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY		C6A M12X RA M/STR-M PVC 26 TEL			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.		REV
A	43321	BZHANG	TRG612-C6T		A

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