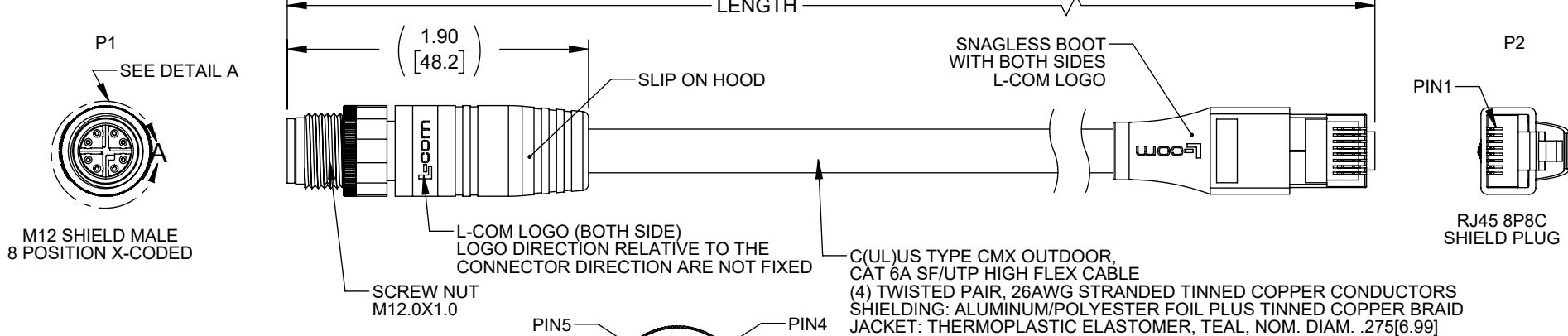


REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	D	ECO-15404	01/16/2026	HBAKKE	DGUST



NOTES

MATERIAL:
 SLIP ON HOOD: THERMOPLASTIC POLYURETHANE, BLACK
 M12 INSULATOR: NYLON, BLACK
 M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE
 M12 CONTACTS: PHOSPHOR BRONZE, 15 μ MIN. GOLD PLATE
 SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK
 RJ45 HOUSING: POLYCARBONATE, CLEAR UL94V-0
 RJ45 SHIELD/STRAIN RELIEF: BRASS, NICKEL PLATE
 RJ45 CONTACTS: PHOSPHOR BRONZE, 50 μ MIN. GOLD PLATE IN CONTACT AREA OVER NICKEL PLATE OVERALL

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

APPLICATION:
 INGRESS PROTECTION RATING IS IP67 (MATED, P1 ONLY).

ENVIRONMENTAL:
 OPERATING TEMPERATURE RANGE: -40°C TO +75°C
 CABLE JACKET RESISTANCE: OIL, SUNLIGHT, AND WELD SPLATTER RESISTANT

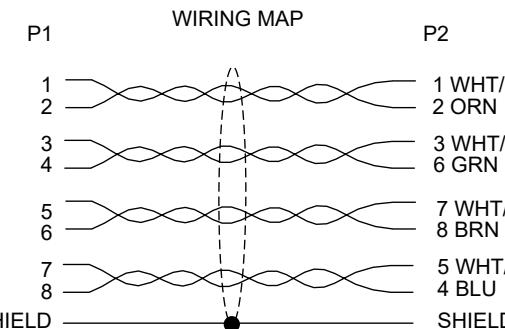
CABLE FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD)
 10 MILLION CYCLE TEST (20X CABLE OD)

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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PART NUMBER	LENGTH	
	FEET	METERS
TRG610-T6T-05M	1.64	0.5
TRG610-T6T-1M	3.28	1.0
TRG610-T6T-2M	6.56	2.0
TRG610-T6T-3M	9.84	3.0
TRG610-T6T-5M	16.41	5.0
TRG610-T6T-10M	32.82	10.0
TRG610-T6T-15M	49.22	15.0

UNLESS OTHERWISE SPECIFIED
 LEADING DIMENSIONS ARE INCHES
 DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 $X = \pm .2$ [5]
 $XX = \pm .02$ [0.5]
 $XXX = \pm .005$ [0.13]

FRACTIONS
 $\pm 1/32$
 ANGLES $\pm 1^\circ$

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] = $\pm 5\%$ / -0

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

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INTERPRET ALL DIMENSIONS AND
 TOLERANCES PER ASME Y14.5

SCALE
 SHEET
 NONE
 1 OF 1

DESCRIPTION
 CATEGORY 6A M12 8 POSITION X CODE SF/UTP INDUSTRIAL
 CABLE, M12 M / RJ45

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DCUI	TRG610-T6T	D