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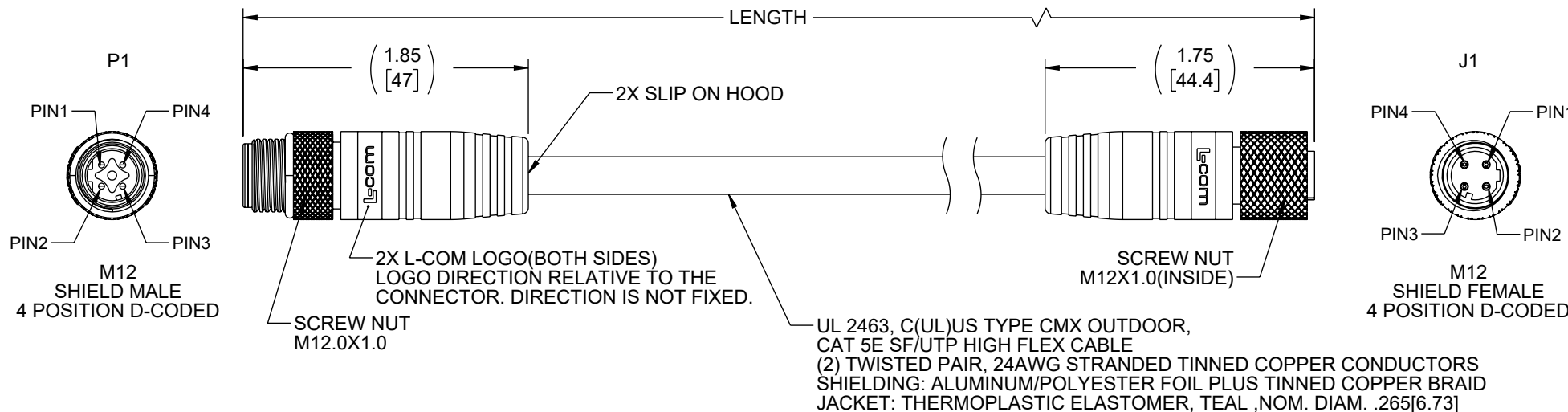
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| REVISION |     |                       |            |            |            |
|----------|-----|-----------------------|------------|------------|------------|
| ZONE     | REV | DESCRIPTION           | DATE       | CHANGED BY | APPROVED   |
|          | C   | UPDATED PER ECO-14731 | 07/11/2025 | BZHANG     | GUTTADAURO |



## NOTES

## MATERIAL:

SLIP ON HOOD: THERMOPLASTIC POLYURETHANE, BLACK  
INSULATOR: NYLON, BLACK  
SHELL/SCREW NUT: BRASS, NICKEL PLATE  
CONTACTS: PHOSPHOR BRONZE, 15μ" MIN. GOLD PLATE

## ELECTRICAL:

NOMINAL VOLTAGE RATING: 250 VAC/VDC  
MAX CURRENT: 4A

## APPLICATION:

INGRESS PROTECTION RATING IS IP68 (MATED).

## ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -40°C TO +80°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  
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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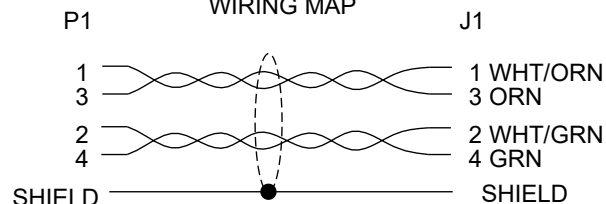
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## WIRING MAP



| PART NUMBER    | LENGTH |        |
|----------------|--------|--------|
|                | FEET   | METERS |
| TRG502-T4T-05M | 1.64   | 0.5    |
| TRG502-T4T-1M  | 3.28   | 1.0    |
| TRG502-T4T-2M  | 6.56   | 2.0    |
| TRG502-T4T-3M  | 9.84   | 3.0    |
| TRG502-T4T-5M  | 16.41  | 5.0    |
| TRG502-T4T-10M | 32.82  | 10.0   |
| TRG502-T4T-15M | 49.22  | 15.0   |

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

TOLERANCES:  
X = ±.2 [5] FRACTIONS  
.XX = ±.02 [0.5] ± 1/32  
.XXX = ±.005 [0.13] ANGLES ± 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

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 5e M12 IP68 4 POSITION D CODE DOUBLE  
SHIELDED SF/UTP INDUSTRIAL OUTDOOR HIGH FLEX CABLE,  
M12 M TO M12 F, CMX TPE, TEAL

| SIZE | CAGE CODE | DRAWN BY | ITEM NO.   | REV |
|------|-----------|----------|------------|-----|
| A    | 43321     | DCUI     | TRG502-T4T | C   |