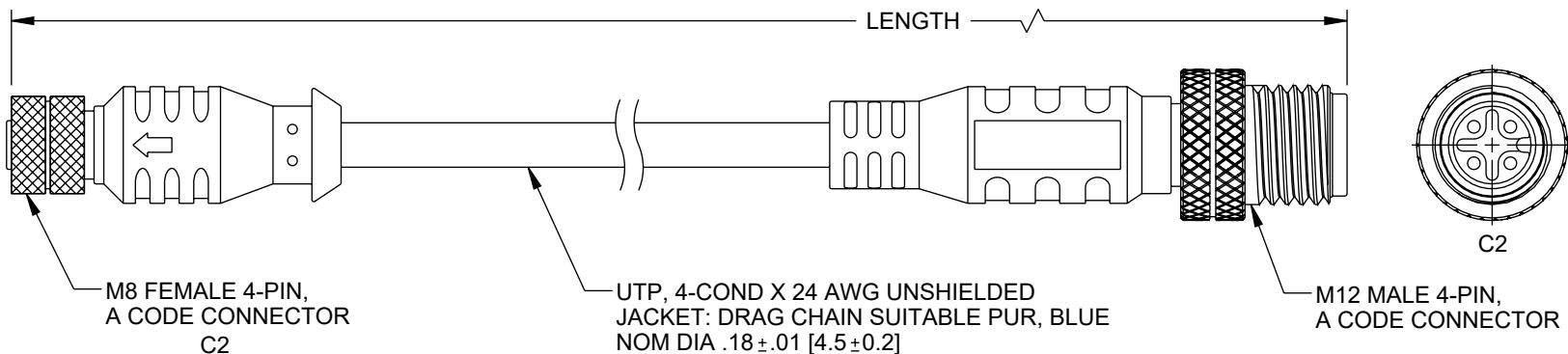


REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13357	04/09/2024	AKRESOWSKI	DGUST



PIN ASSIGNMENTS
FRONT VIEW

PIN ASSIGNMENTS
FRONT VIEW

NOTES:

ELECTRICAL:

- NOMINAL VOLTAGE: 300V
- OPERATING VOLTAGE: 60V DC MAX.
- OPERATING CURRENT PER CONTACT: 0.5A MAX.

APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6 Nm
- BEND RADIUS FIXED: 36 mm MIN.
- BEND RADIUS MOBILE: 67.5 mm MIN.
- TORSION STRESS: $\pm 180^\circ$ /meter.

ENVIRONMENTAL:

- TEMPERATURE RANGE FIXED: -25°C TO $+80^\circ\text{C}$
- TEMPERATURE RANGE MOBILE: -25°C TO $+70^\circ\text{C}$
- CABLE JACKET RESISTANCE: OIL
- CABLE JACKET FLAME RATING: HB (UL 94).

MISCELLANEOUS

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

WIRING MAP

C1	WIRING MAP	C2 WIRE COLOR
1	Wavy line	1 BROWN
2	Wavy line	2 WHITE
3	Wavy line	3 BLUE
4	Wavy line	4 BLACK

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

TOLERANCES:	
$X = \pm .2$ [5]	FRACTIONS
$XX = \pm .02$ [0.5]	$\pm 1/32$
$XXX = \pm .005$ [0.13]	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]	$= +5\% / -0$

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

ITEM NUMBER	LENGTH METERS [FEET]	TOLERANCE INCH [mm]
TR8GA421-P4L-05M	0.5 [1.64]	+ 1.38 [35] - 0.59 [15]
TR8GA421-P4L-1M	1.0 [3.28]	+ 1.38 [35] - 0.79 [20]
TR8GA421-P4L-2M	2.0 [6.56]	+ 1.38 [35] - 1.18 [30]
TR8GA421-P4L-3M	3.0 [9.84]	+ 1.38 [35] - 1.18 [30]
TR8GA421-P4L-5M	5.0 [16.4]	± 2.36 [± 60]
TR8GA421-P4L-10M	10.0 [32.8]	± 2.36 [± 60]
TR8GA421-P4L-15M	15.0 [49.2]	± 3.15 [± 80]

L-com
an INFINITE brand

Website: www.L-com.com
Phone: 1.800.341.5266 | 1.978.682.6936



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET
NONE 1 OF 1

DESCRIPTION
M8 4-POSITION FEMALE TO M12 4-POSITION MALE IP67 A-CODE
CABLE ASSEMBLY, UNSHIELDED 24AWG PUR JACKET, BLUE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	VTHANGARAJ	TR8GA421-P4L	B