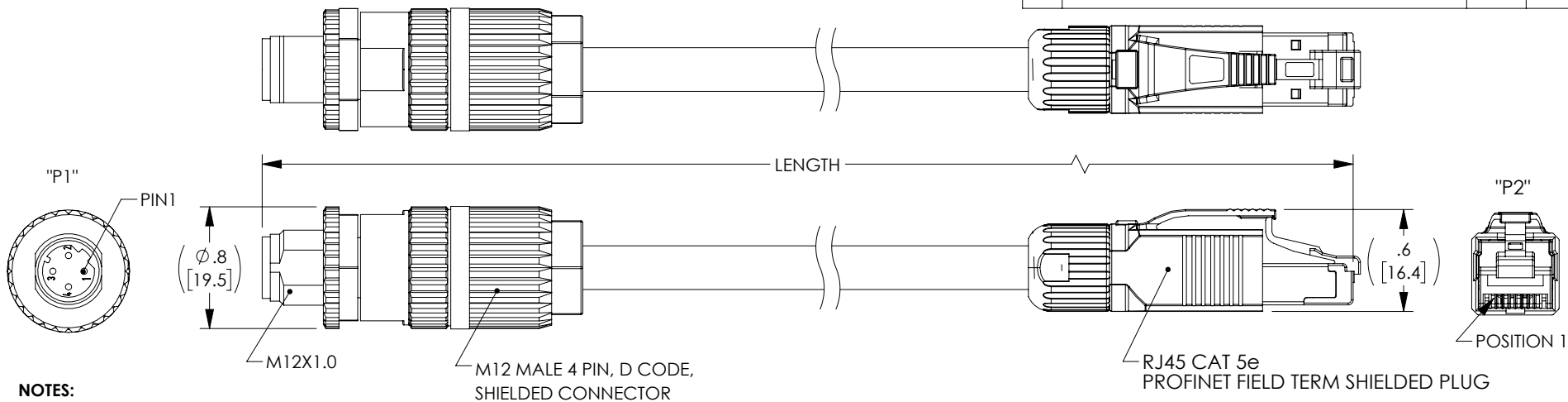


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/18/2021	GUTTADAURO



#### NOTES:

#### MATERIAL:

CONTACTS: PHOSPHOR BRONZE.

CABLE JACKET: THERMOPLASTIC ELASTOMER, COLOR: GREEN

#### FINISH:

CONTACTS: GOLD IN CONTACT AREA OVER NICKEL PLATE OVERALL.

#### M12 CONNECTOR CHARACTERISTICS:

PROTECTION: IP65/IP67 (WHEN MATED AND TIGHTENED, EN 60529)

NOMINAL VOLTAGE: MAX 50 V AC/DC

RATED CURRENT: MAX 4A PER CONTACT

CATEGORY: CATEGORY 5E (IEC 11801)

#### CABLE CHARACTERISTICS:

CAT 5e, SHIELDED TWO TWISTED PAIRS,

INSULATION: HIGH DENSITY POLYETHYLENE, .018" NOM. WALL THICKNESS

CONDUCTOR: 22 AWG 7/30 STRANDED TINNED COPPER

CABLE: COLOR CODED WIRES CABLED TOGETHER WITH A PVC ROD FILL (.027" +/- .005")

AND WRAPPED WITH A FOAM POLYPROPYLENE TAPE TO FORM A CABLE CORE.

SHIELDS: AN OVERALL SHIELD OF 38 AWG TINNED COPPER BRAID (80% MINIMUM COVERAGE),

SHALL BE APPLIED OVER THE CABLE CORE. A SECOND SHIELD OF AN OVERALL

ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED

OVER THE BRAID.

FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE O.D., MINIMUM RADIUS)

10 MILLION CYCLE TEST (20X CABLE O.D., MINIMUM RADIUS)

OVERALL CABLE DIAMETER NOM.: .250 [6.35]

APPROVALS: UL AWM STYLE 2463 (80C 600V)

NEC (UL) TYPE PLTC

NEC (UL) TYPE CL3

UL AWM 2463

EU CE MARK: MEETS EU DIRECTIVE 2011/65/EU (RoHS II)

VOLTAGE RATING: 600V

RESISTANCE: OIL, UV AND WELD SPLATTER

#### MISCELLANEOUS:

POE COMPLIANT TO 100 METERS WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184

OPERATING TEMPERATURE RANGE: -40°C TO +80°C.

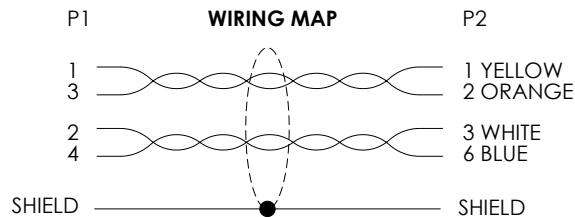
HIGH FLEX CABLE IS APPROPRIATE FOR PROFINET TYPE B AND C APPLICATIONS

CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.

CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN

ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

PART NUMBER	LENGTH METERS
TRGPC402-05M	0.5
TRGPC402-1M	1.0
TRGPC402-2M	2.0
TRGPC402-3M	3.0
TRGPC402-5M	5.0
TRGPC402-10M	10.0



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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 OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] .XX = ± .02 [.5] .XXX = ± .005 [.13] FRACTIONS ± 1/32 ANGLES ± 1° THIRD-ANGLE PROJECTION	APPROVALS DRAWN BY MVEERAPPAN CHECKED BY SPAN APPROVED BY GUTTADAURO	DATE 03/18/2021 02/29/2020 02/29/2020	 an INFINITI® brand 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR	PRODUCT DESCRIPTION Profinet C5e RJ45/M124DM SF/UTP PLTC TPE GRN	
SIZE <b>A</b>		CAGE CODE <b>43321</b>	DWG. NO. <b>TRGPC402</b>
SCALE: NONE		CAD FILE: TRGPC402.SLDDRW	
SHEET 1 OF 1		REV. <b>A</b>	