

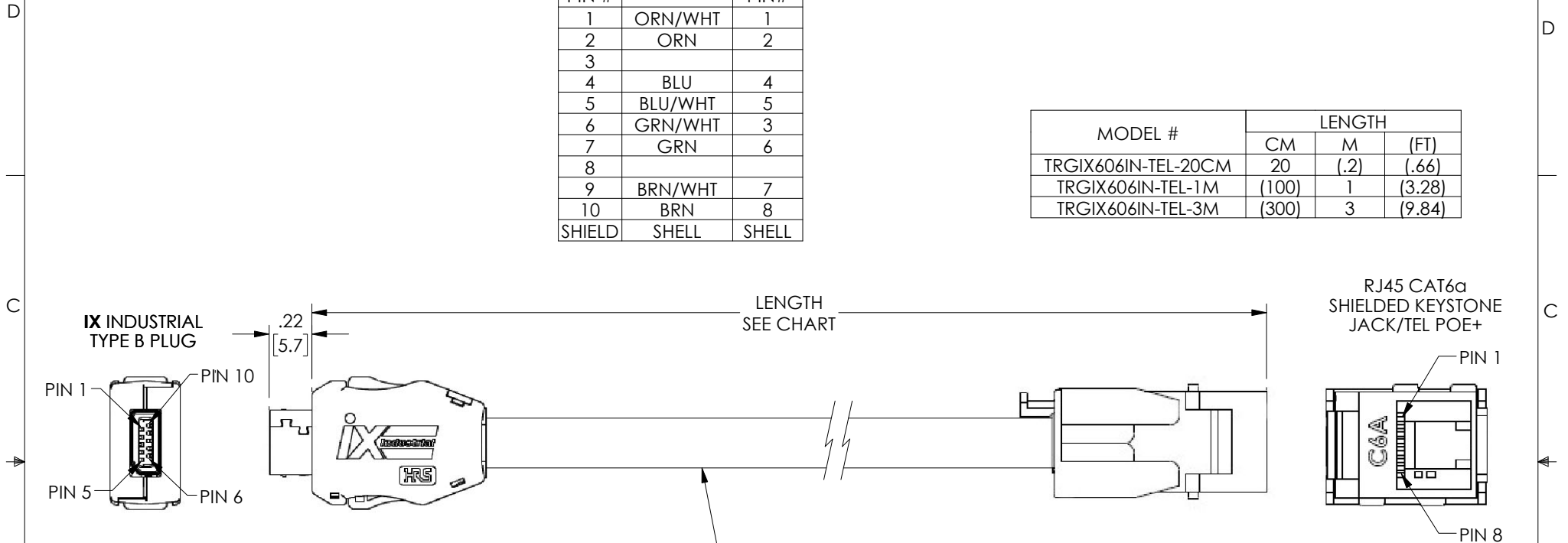
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| REVISIONS |                 |            |             |
|-----------|-----------------|------------|-------------|
| REV       | DESCRIPTION     | DATE       | APPROVED    |
| A         | INITIAL RELEASE | 03/19/2021 | GUTTA DAURO |
|           |                 |            |             |
|           |                 |            |             |

**PIN ASSIGNMENT**

| IX PIN # | COLOR   | RJ45 PIN # |
|----------|---------|------------|
| 1        | ORN/WHT | 1          |
| 2        | ORN     | 2          |
| 3        |         |            |
| 4        | BLU     | 4          |
| 5        | BLU/WHT | 5          |
| 6        | GRN/WHT | 3          |
| 7        | GRN     | 6          |
| 8        |         |            |
| 9        | BRN/WHT | 7          |
| 10       | BRN     | 8          |
| SHIELD   | SHELL   | SHELL      |

| MODEL #             | LENGTH |      |        |
|---------------------|--------|------|--------|
|                     | CM     | M    | (FT)   |
| TRGIX606IN-TEL-20CM | 20     | (.2) | (.66)  |
| TRGIX606IN-TEL-1M   | (100)  | 1    | (3.28) |
| TRGIX606IN-TEL-3M   | (300)  | 3    | (9.84) |



**NOTES:**

- CABLE CHARACTERISTICS:**  
 FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE O.D. MIN. RAD.)  
 10 MILLION CYCLE TEST (20X CABLE O.D. MIN. RAD.)  
 TEMPERATURE RATING: -40°C TO +75°C  
 VOLTAGE RATING: 300 V  
 POE COMPLIANT TO 70 METERS WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184.  
 FLAME RATING: CMX/CM OUTDOOR  
 CABLE JACKET IS WELD SPATTER, SUNLIGHT (UV) AND CUTTING/MACHINING OIL RESISTANT.

CAT6a, 4 TWISTED PR, 26AWG STRANDED TINNED COPPER WITH ALUM/POLY SHIELD (100%) OVER TINNED COPPER BRAID SHIELD (80%), JACKET: HIGH FLEX THERMOPLASTIC ELASTOMER, TEAL CABLE O.D.: 0.275" NOM.

- NOMINAL VOLTAGE: 50 V AC/ 60 V DC
- IX CONNECTORS CONFORM TO IEC STANDARD 61076-3-124
- THIS PRODUCT (TYPE B) IS USED FOR NON ETHERNET APPLICATIONS LIKE SIGNALING, SERIAL OR OTHER INDUSTRIAL BUS COMMUNICATION SYSTEMS.
- RJ45 CONTACTS: 50um GOLD PLATED
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM PACKAGING SPECIFICATION PS-0031.

|  |  |  |  |
|--|--|--|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]<br>OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤60 [1524] = +2 [51] / -0<br>>60 [1524] ≤120 [3048] = +4 [102] / -0<br>>120 [3048] ≤300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0<br>ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = ± .2 [5]      FRACTIONS ± 1/32<br>.XX = ± .02 [5]      ANGLES ± 1°<br>.XXX = ± .005 [13] | APPROVALS<br>DRAWN BY: BPUCHASKI<br>CHECKED BY: DFRISIELLO<br>APPROVED BY: GUTTA DAURO | DATE<br>03/19/2021<br>03/19/2021<br>03/19/2021 | 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<br>COLOR VARIATIONS MAY OCCUR | CATEGORY<br><b>TELECOM / MODULAR</b>           |  |
| THIRD-ANGLE PROJECTION<br>   | SIZE<br><b>A</b>   | CAGE CODE<br><b>43321</b>                      | ITEM NO.<br>TRGIX606IN-TEL   |
| SCALE: NONE  |  | CAD FILE: TRGIX606IN-TEL.SLDDRW                | REV.<br><b>A</b><br>SHEET 1 OF 1   |