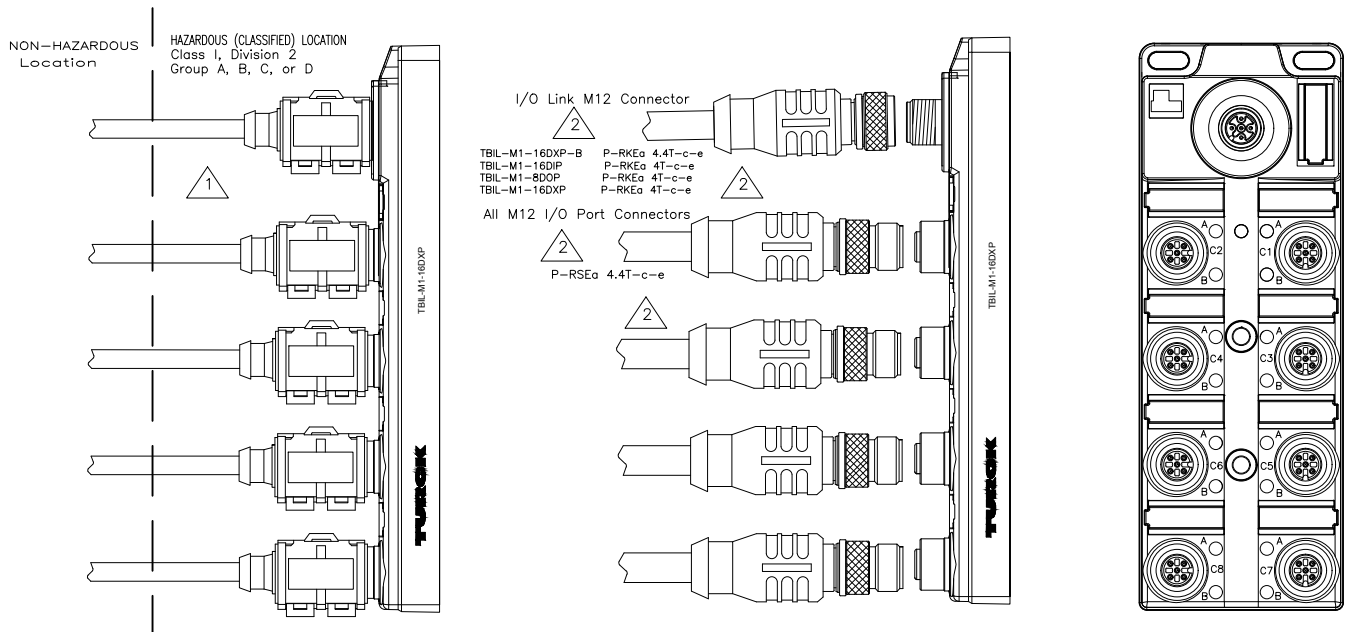


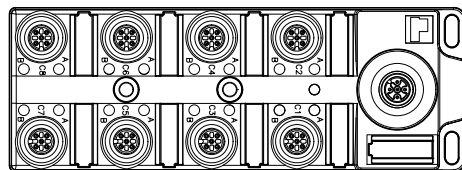
Models:

TBIL-M1-16DXP-B, TBIL-M1-16DIP, TBIL-M1-8DOP, TBIL-M1-16DXP



NON-HAZARDOUS Location

HAZARDOUS (CLASSIFIED) LOCATION Class 1, Division 2 Groups A, B, C, or D



Notes:

1. All quick-disconnect connections in the hazardous location must be using a LOCK-EURO-C **lokfast**® guard.



2. TBIL I/O Stations are designed to be mounted directly in Class 1 Division 2 locations and connected using FM approved Turck quick-disconnect cords and receptacles detailed in Turck Control Drawing QCF-00147 for C1 thru C8 I/O ports and QCF-00147 for P1(I/O Link connection) ports. The model numbers shown above are for single-ended cords appropriate for connection to the TBIL ports, though double-ended extensions detailed in the Control Drawings may be used to interconnect with other FM Approved devices.

P-RKEa 4.4T-c-e-RSEa 4.4T — Male-Female M12 extension cord I/O ports, ITC cable, 5 conductor.

P-RKEa 4T-c-e-RSEa 4.4T — Male-Female M12 I/O Link connection ITC cable, 4 conductor for non TBIL-M1-16DXP-B models.

P-RKEa 4.4T-c-e-RSEa 4.4T — Male-Female M12 I/O Link connection ITC cable, 5 conductor for TBIL-M1-16DXP-B model.

Model Codes

a = Material V or blank e = Cable length in meters
b = S (shielded) or C (unshielded) c = 3-digit TC Cable designation

3. All unused connections must be secured by a closure cap and LOCK-EURO-C **lokfast**® guard.

For unused I/O connections, use RSE 4.5T or RSEV 4.5T.



RSE 4.5T or RSEV 4.5T

4. Field devices must be FM approved for use in Class 1, Division 2 hazardous (classified) locations and be rated for > 30V.

5. Wiring methods must be in accordance with Class 1, Division 2 wiring practices per the National Electric Code (NEC) ANSI/NFPA 70.

6. **CAUTION:** When the ambient temperature is greater than 55°C, the surface may be too hot (> 80°C) to touch.

Drawing No.:

NI-2.600

TURCK
3000 Campus Drive
Plymouth, MN 55441
Phone: (763) 553-7300

Title: Installation of FM Approved
TBIL-M1-.....Ethernet
Multiprotocol Stations

Scale: NONE

Sheet 1 of 1

A	Release	TKM	2/28/2019
Rev	Description	Drft	Date