Bennett POS System

The information collected via the interface allows TLS-350R business inventory reconciliation to compare tank totals to fuel transactions for end of day, end of shift, or end of month, running variances.

Veeder-Root Hardware Requirements

The following equipment is required to interface the TLS to the Bennett POS system:
>One Bennett Current Loop Dispenser Interface Module for up to 6 fueling positions.
>One installation kit for every 2 current loops (up to 12 fueling positions) (see Table 1 on page 5).

Veeder-Root Software Requirements

>System software 349511-109-A, or 309-A (or higher)
>Peripheral controller software 330269-00B (or higher)
>DIM software 349780-001A (or higher)

Bennett System Limitations

TLS-350R with BIR and TLS-350R with BIR and ISD

• Only non-blending, type 92D dispensers with Orpak controllers are supported.

TLS-350R with ISD

• All type 92D dispensers with Orpak controllers are supported.

Installation Notes

The interface to Bennett dispensing equipment requires one CAB per dispenser current loop (for up to 6 fueling positions) and one Bennett DIM installation kit for every 2 current loops. Typically one or two loops are required for a single dispenser having two fueling positions. For this reason the interface kit includes two CAB(s) with supportive cabling. Supportive cabling required is sold in lengths, which are identified in the last three digits of the kit form number. The length requirement is determined by the distance between the components.

Below is an example Bennett dispenser connection diagram (see Figure 2). Each CAB has a three position input and a RJ-45 cable output to a dispenser loop. Use the "PUMP COMM" input side and the RJ-45 cable output.

TLS-350R Console

CDIM

RJ-45 Communications Cable

CONSOLE COMM

PUMP COMM + | ⏚

White
Black
Shield

Cable Adapter Box
for Bennett System

RJ-45 Communications Cable

CONSOLE COMM

PUMP COMM + | ⏚

White
Black
Shield

Cable Adapter Box
for Bennett System

Shielded 2 Wire
Flying Lead Cable
6 feet

BENNETT PUMP
INTERFACE BOX

CURRENT LOOPS

0   1

Dispenser
Terminal
Block

GRN GROUND

DATA (+) DATA (-) DATA (+) DATA (-)

ORG YEL ORG YEL

GRN

1 2 3 4 5 6   7 8 9 11 12 13 14 15 16 17 18 19 20 21 22

shield

shield

CONDUIT

Disconnect orange wire (+)
from terminal 17 and connect
to white wire (+) from CAB
with wire nut. Attach black
wire (-) from CAB to terminal 17.
Connect cable shield to terminal
block ground connection.

Disconnect orange wire (+)
from terminal 19 and connect
to white wire (+) from CAB
with wire nut. Attach black
wire (-) from CAB to terminal 17.
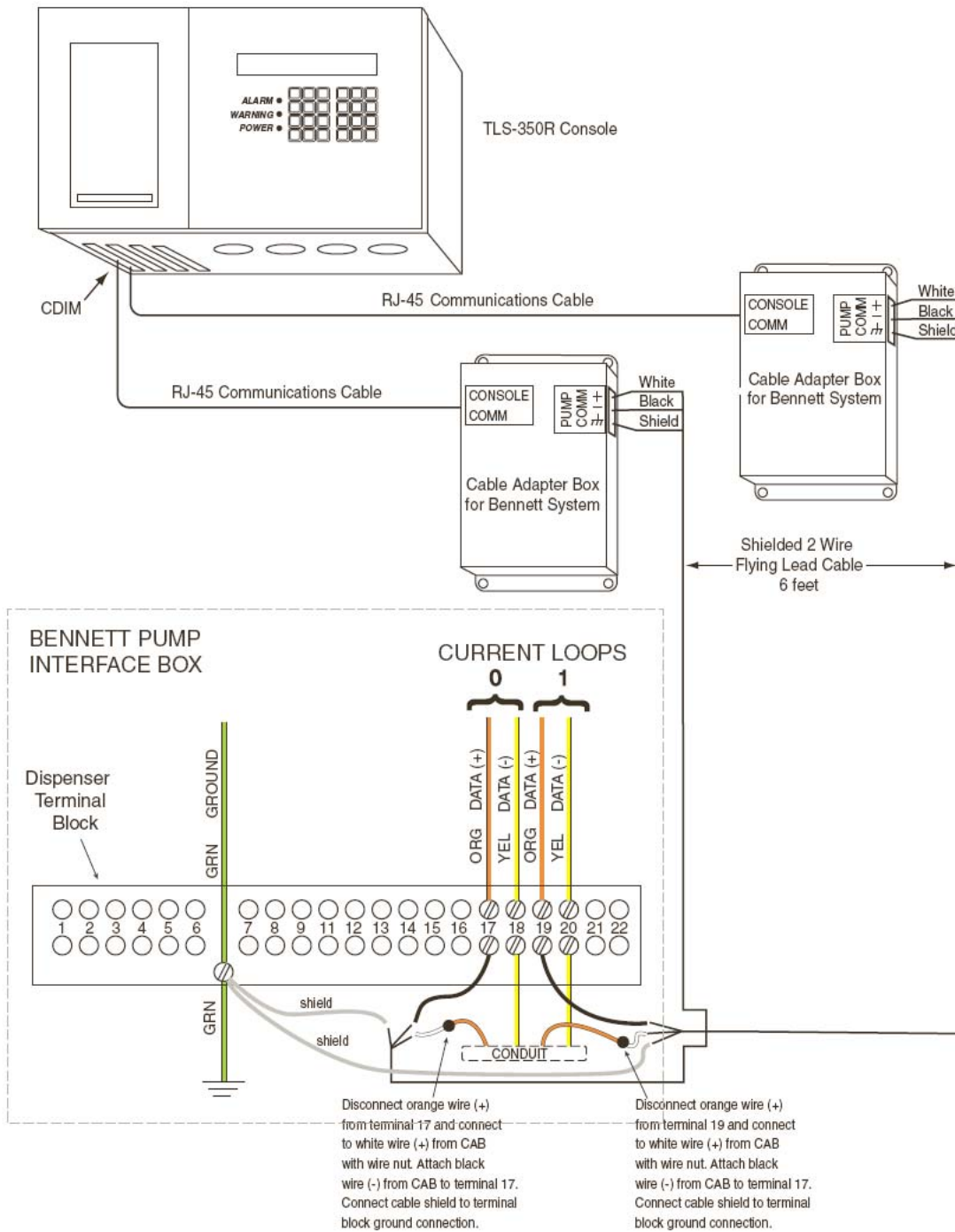Connect cable shield to terminal
block ground connection.

Figure 2.   Bennett Pump Fuelomat Dispenser Interface Installation Diagram