

Pulse Input and Pulse Totalizer Input Term Panels

This section describes pulse input and pulse totalizer input term panels.

Model numbers of these term panels are:

- 9753-110 (8 PI pts./16 PTI pts.)

This figure represents a typical 8-point pulse input or 16-point pulse totalizer input termination panel.

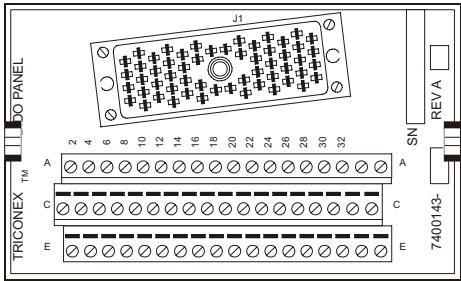


Figure 36 Typical 8-Point Pulse Input or 16-Point Pulse Totalizer Input Term Panel

9753-110 (8 PI pts./16 PTI pts.)

Termination panel 9753-110 is compatible with pulse input modules and pulse totalizer input modules.

When used with pulse input modules, 9753-110 has 8 differential-input signal terminals (IN+ and IN-).

When used with pulse totalizer input modules, 9753-110 has 16 input signal terminals (IN+ and IN-). The pulse totalizer input modules compatible with 9753-110 have 32 points, which means you must use two term panels for each pulse totalizer input module.

Specifications

This table describes specifications for 9753-110.

Table 46 Specifications for Term Panel 9753-110

Feature	Description
Panel type	Basic
Points	8 when used with pulse input modules 16 when used with pulse totalizer input modules

Compatible Modules

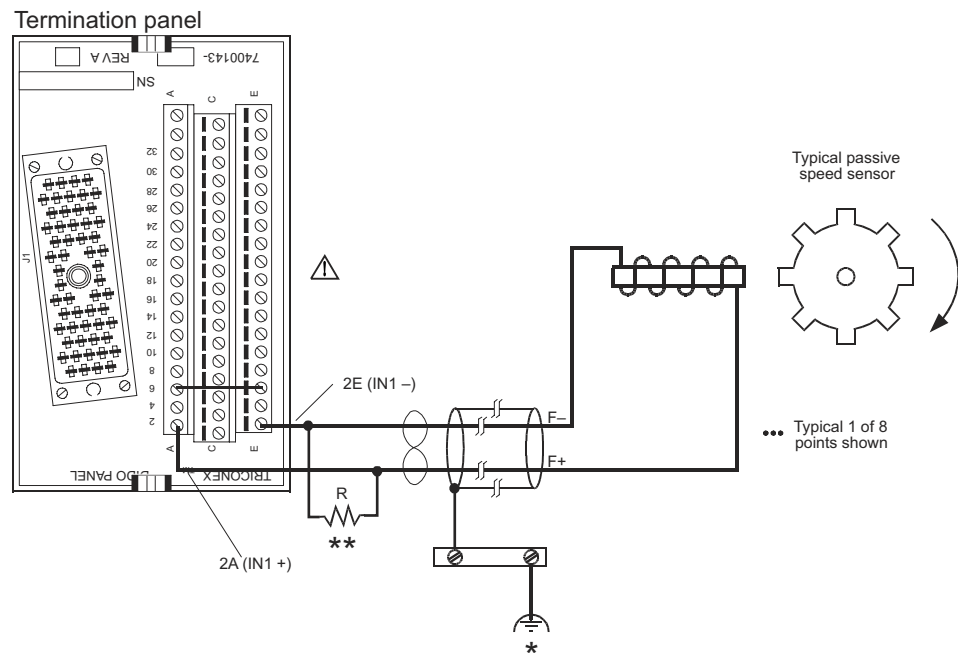
This table describes pulse input and pulse totalizer input modules compatible with 9753-110.

Table 47 Modules Compatible with 9753-110

Module Part Number	Points per Module	Module Description
3510	8	20 Hz to 20 KHz pulse input, non-commoned, AC-coupled, 50 ms typical input update rate
3511	8	20 Hz to 20 KHz pulse input, non-commoned, AC-coupled, 25 ms typical input update rate
3515	32	0 to 1 kHz pulse totalizer input, non-commoned

Field Wiring Diagrams

This figure illustrates how to connect an 8-point pulse input module and a 9753-110 to the field.



* Functional earth ground (quiet ground) is recommended for shield connections.
For shield grounding instructions, see Appendix E.

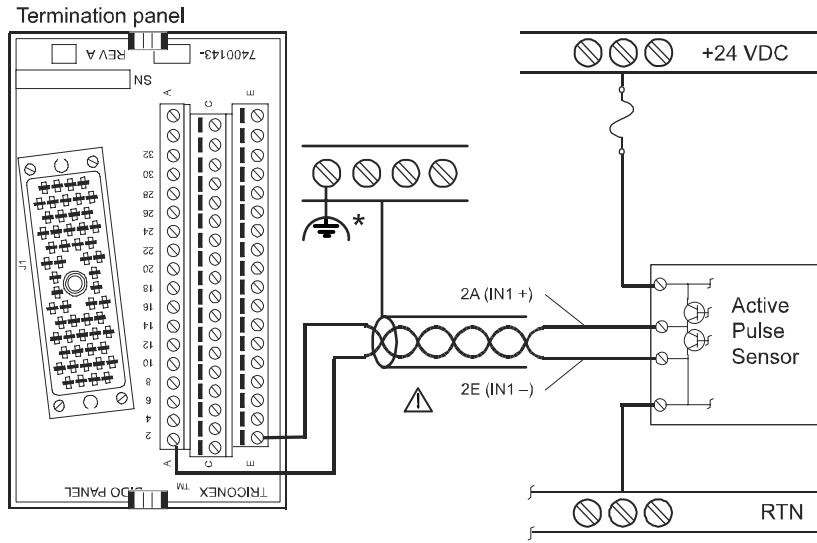
** When possible, install a terminating resistor as shown. For further information, see Technical Application Note (TAN) #006.

Figure 37 Field Wiring for 9753-110 with a 3510 or 3511 PI Module

CAUTION

Unused points must be shorted together.

This figure illustrates how to connect a 32-point pulse totalizer input module and a 9753-110 to the field.



* Quiet earth

Figure 38 Field Wiring for 9753-110 with a 3515 Pulse Totalizer Input Module

CAUTION

With the 3515 pulse totalizer input module, sensor pulse outputs should be the push-pull type. You may use high-side or low-side, solid-state output, but maximum frequency may be reduced based on cable distance. Do not use mechanical relay/switch contacts. To prevent point-to-point cross-talk, use individually shielded, twisted-pair wire for lengths greater than 50 feet (15 meters).