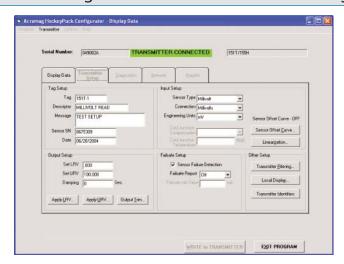# ▶ Series 151T, 155H Transmitters

Model 151C-SIP, 155H-SIP   Configuration Software Interface Package

Configuration Software ◆ USB-to-RS232 Adapter ◆ RS232 Interface Adapter

Description

Acromag's configuration software is the key to the 151T and 155H transmitters' easy-to-use operation. The software employs the friendly Windows® interface with pull-down selection menus and fill-in-the-blank fields to speed you through a few brief configuration screens. No programming is required.

The software interface package for 151T-0600 transmitters includes a user manual, CD-ROM, transmitter-to-DB9 interface adapter, and DB9-to-USB adapter.

The software interface package for 155H-0600 transmitters includes a user manual, CD-ROM, and transmitter-to-DB9 interface adapter.

Software Compatibility

Windows 98, 2000, ME, NT, XP, Vista, 7.

Ordering Information

NOTE: For more information, visit www.acromag.com.

Models

151C-SIP
Software interface package for 151T-0600. Includes user manual, CD, PC serial port adapter (5032-787), and USB adapter (4001-095).

155H-SIP
Software interface package for 155H-0600. Includes user manual, CD, PC serial port adapter (5032-780), and USB adapter (4001-095).

4001-095
USB-to-DB9 serial port (RS232) adapter.

5032-780
PC serial port (RS232) adapter for 155H-0600 Transmitter-to-DB9 connection.

5032-787
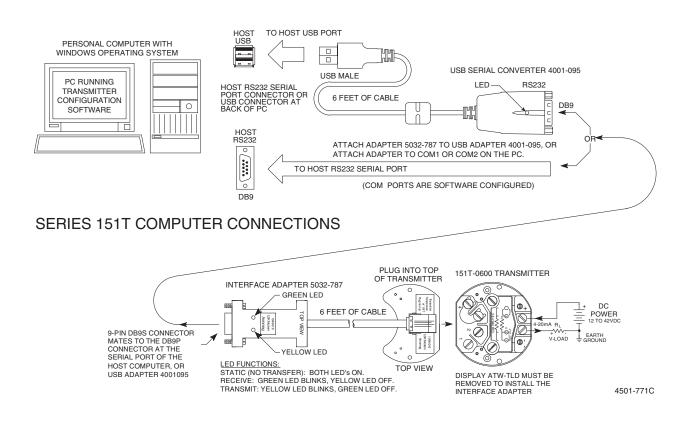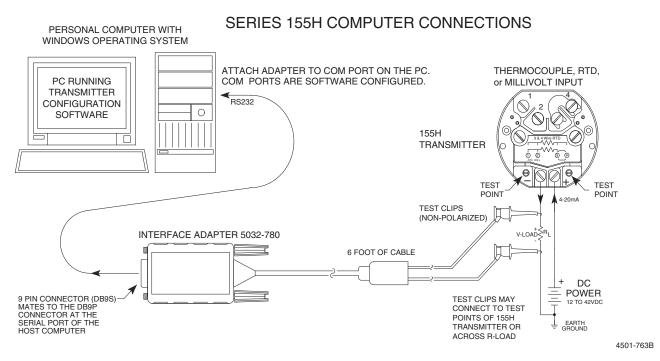PC serial port (RS232) adapter for 151T-0600 Transmitter-to-DB9 connection.

Connection Diagram

See following page.

HOST
USB

TO HOST USB PORT

PERSONAL COMPUTER WITH
WINDOWS OPERATING SYSTEM

PC RUNNING
TRANSMITTER
CONFIGURATION
SOFTWARE

USB MALE

USB SERIAL CONVERTER 4001-095

LED   RS232

6 FEET OF CABLE

DB9

HOST RS232 SERIAL
PORT CONNECTOR OR
USB CONNECTOR AT
BACK OF PC

OR

HOST
RS232

ATTACH ADAPTER 5032-787 TO USB ADAPTER 4001-095, OR
ATTACH ADAPTER TO COM1 OR COM2 ON THE PC.

TO HOST RS232 SERIAL PORT

(COM PORTS ARE SOFTWARE CONFIGURED)

DB9

SERIES 151T COMPUTER CONNECTIONS

INTERFACE ADAPTER 5032-787

GREEN LED

PLUG INTO TOP
OF TRANSMITTER

151T-0600 TRANSMITTER

TOP VIEW

6 FEET OF CABLE

DC
POWER
12 TO 42VDC

4-20mA R$_L$

9-PIN DB9S CONNECTOR
MATES TO THE DB9P
CONNECTOR AT THE
SERIAL PORT OF THE
HOST COMPUTER, OR
USB ADAPTER 4001095

YELLOW LED

V-LOAD

EARTH
GROUND

TOP VIEW

LED FUNCTIONS:
STATIC (NO TRANSFER): BOTH LED's ON.
RECEIVE: GREEN LED BLINKS, YELLOW LED OFF.
TRANSMIT: YELLOW LED BLINKS, GREEN LED OFF.

DISPLAY ATW-TLD MUST BE
REMOVED TO INSTALL THE
INTERFACE ADAPTER

4501-771C

SERIES 155H COMPUTER CONNECTIONS

PERSONAL COMPUTER WITH
WINDOWS OPERATING SYSTEM

PC RUNNING
TRANSMITTER
CONFIGURATION
SOFTWARE

ATTACH ADAPTER TO COM PORT ON THE PC.
COM PORTS ARE SOFTWARE CONFIGURED.

THERMOCOUPLE, RTD,
or MILLIVOLT INPUT

RS232

1   4
2

155H
TRANSMITTER

3 & 4 Wire RTD

T/C, mV+

TEST
POINT

TEST
POINT

TEST CLIPS
(NON-POLARIZED)

4-20mA

INTERFACE ADAPTER 5032-780

6 FOOT OF CABLE

V-LOAD R$_L$

9 PIN CONNECTOR (DB9S)
MATES TO THE DB9P
CONNECTOR AT THE
SERIAL PORT OF THE
HOST COMPUTER

TEST CLIPS MAY
CONNECT TO TEST
POINTS OF 155H
TRANSMITTER OR
ACROSS R-LOAD

DC
POWER
12 TO 42VDC

EARTH
GROUND

4501-763B