

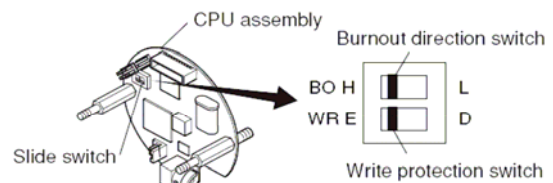
The Brain EJX offers Hardware and Software (*Password*) Write Protection for all input parameters and Software Protection for the zero-adjustment screw. These great features allow the customer to protect the settings in the transmitter and offer the following features:


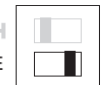
- Hardware Write Protection in the form of a switch on the CPU assembly board.
- Software Write Protection in the form of a Password feature.
  - ✓ The Password feature can be turned on & off.
  - ✓ Each transmitter can have a unique password.
  - ✓ The Password can be any 8-digit alphanumeric string
  - ✓ If you forget your password, an override password is pre-programmed into the transmitter.
- The Zero-adjustment screw can also be Software protected.



**Section 1.0 Hardware Write Protection**

The Brain EJX transmitter has a Write Protection (WR) switch located on the CPU Assembly Board next to the Burn Out (BO) switch. \* (See *Figure 1*) When the WR switch is in the “D” (Disabled) position; the transmitter will not allow parameter changes through the use of a handheld terminal or some other communication method. When the WR switch is in the “E” (Enable) position, communication will be allowed.



Hardware write protection switch (WR)		
Write Protection Switch Position		
Write Protection	NO (Write enabled)	YES (Write disabled)

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\* Refer to the exploded view of the transmitter in the Instruction Manual (IM) for the location of the CPU Assembly Board within the EJX transmitter.

*Figure 1*

## Section 2.0 Software Write Protection

The Brain EJX transmitter offers Software Write Protection in the form of a Password.

### Section 2.1 Activating the Password Function and setting the password.

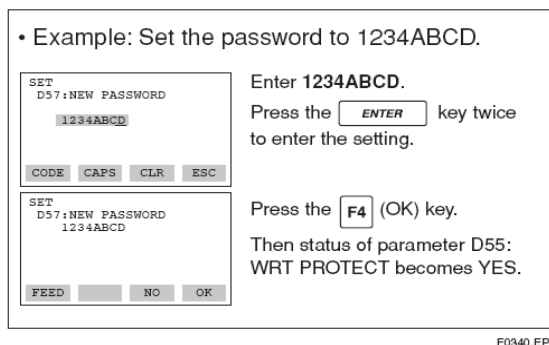
The password function is activated when a new password is entered into the D57: NEW PASSWORD parameter. (See *Figure 2*)

Using your BT200 Communicator:

1. Scroll to the D: Aux Set 1 Menu.
2. Scroll down to D57: NEW PASSWORD.
3. Press Enter.
4. Enter your 8-digit password.
5. Press **ENTER** twice
6. Confirm the new password is correct and press **F4** (Ok).

When this process is complete the status of parameter D55: WRT PROTECT becomes 'Yes'. This indicates that this transmitter is password protected.

Note: If the status of parameter D55: WRT PROTECT is 'NO', then the Password Function is not activated.



*Figure 2*

### Section 2.2 Entering a Password to Enable Parameter Change.

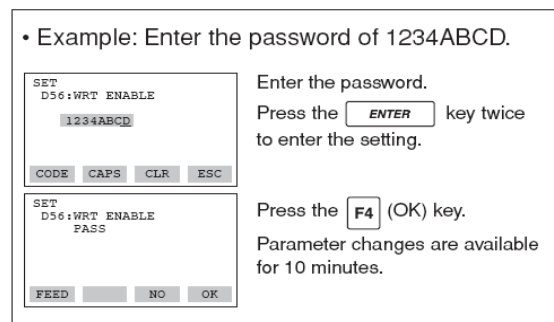
(See *Figure 3*)

Using your BT200 Communicator:

1. Scroll to the D: Aux Set 1 Menu.
2. Scroll down to D56: WRT ENABLE
3. Enter the Password.
4. Press **ENTER** twice
5. Press **F4** (Ok)

Once F4 (Ok) is pressed, Parameter changes are available for 10 minutes.

After the 10 minutes has elapsed, the password must be re-entered to continue to make parameter changes.



*Figure 3*

### Section 2.3 De-activating the Password Function.

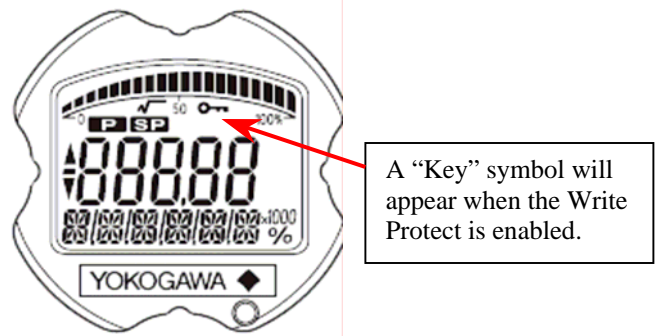
Enter your password to allow parameter changes (*Section 2.2*). During the 10 minutes parameter changes are allowed, follow the procedure in Section 2.1. When prompted to enter the new password, enter eight spaces. Complete the procedure.

When this process is complete the status of parameter D55: WRT PROTECT becomes

'NO'. This indicates that this transmitter is *NOT* password protected.

### Section 2.4 Recovery Password

When you lose or miss-place your password, it is possible to release the Password Function by using the general password "YOKOGAWA". When this password is used, you have 10 minutes to reset the password *only*. No other parameters can be changed during this time. Reset your password per the procedure in [Section 2.1](#).



*Figure 4*

### Section 3.0 Software protection of the external Zero Adjust Screw.

To disable the external Zero Adjust Screw, set the parameter J15: EXT ZERO ADJ to INHIBIT.

Note: If the Password Feature is enabled, the password must be entered before the parameter J15 can be changed.

### Section 4.0 Transmitters with Displays

EJX Transmitters with LCD display will indicate when the Write Protect is enabled. A "Key" symbol will appear on the display when the Write Protect is *enabled*.

(See *Figure 4*)

### Section 5.0 Setting When Shipped

**Hardware Write Protection (WR Switch):**  
"E" (Write Enabled)

**Software Write Protection (Password Feature):** De-activated

**External Zero Adjust Screw:** Enabled