

**DPharp EJX™**  
**BRAIN** Communicating Pressure Transmitters

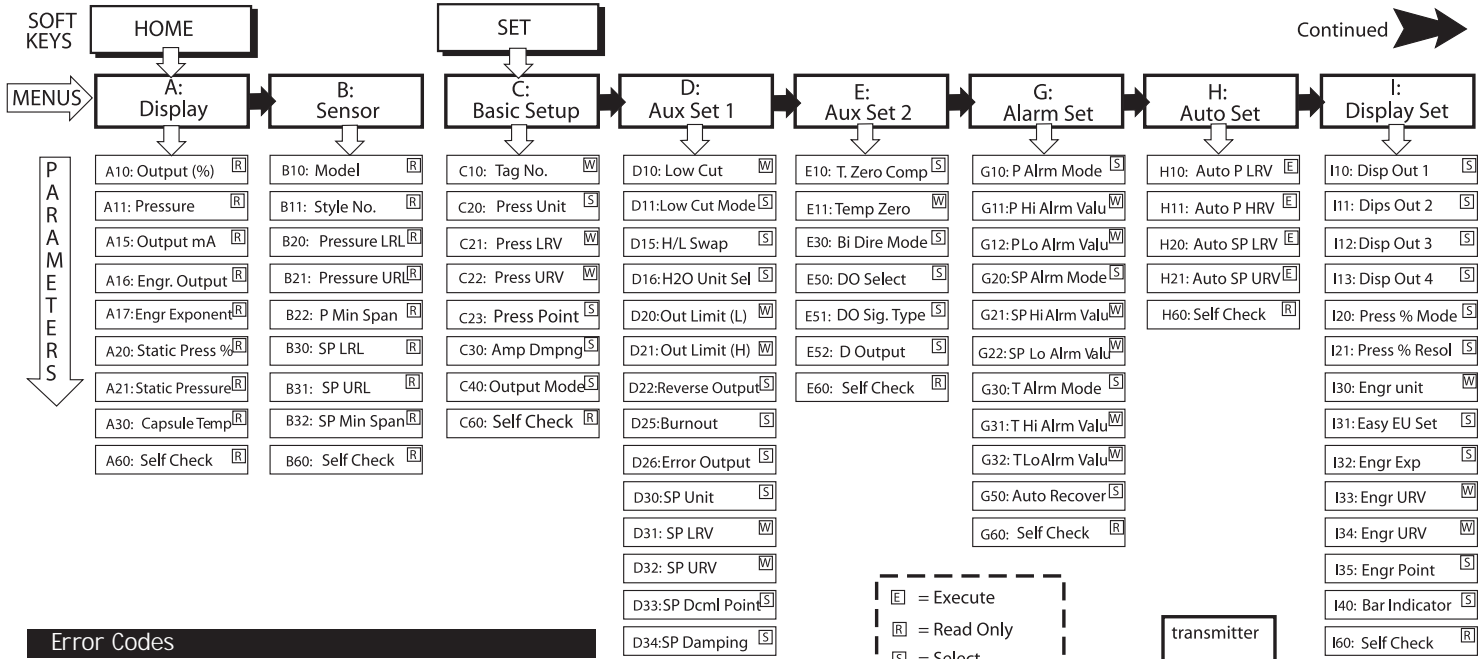


Basic Programming  
 Pocket Reference Guide

**YOKOGAWA** ◆

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# EJX Brain Communications Function Block Diagram



### Error Codes

Integral Display	Action or Cause	Integral Display	Action or Cause
AL 01 CAP ERROR	REPLACE CAPSULE	AL 38 SP LOW	STATIC PRESSURE EXCEEDS RANGE
AL 02 AMP ERR	REPLACE AMPLIFIER	AL 39 TMP HI	TEMP EXCEEDS LIMIT-HIGH
AL 10 PRESS	CHECK INPUT RANGE	AL 40 TMP LO	TEMP EXCEEDS LIMIT-LOW
AL 11 ST PRESS	STATIC PRESSURE-SPECIFIC RANGE	AL 50 P LRV	ILLEGAL LRV
AL 12 CAP TEMP	PROCESS TEMP TOO HI OR LOW	AL 51 P URV	ILLEGAL HRV
AL 13 AMP TMP	AMBIENT TEMP TOO HI OR LOW	AL 52 P SPN	VALUE OUTSIDE TRANSMITTER RANGE
AL 30 RANGE	CHANGE INPUT OR RANGE SETTING	AL 53 P ADJ	VALUE OUTSIDE TRANSMITTER RANGE
AL 31 SP RNG	CHANGE INPUT OR RANGE SETTING	AL 54 SP RNG	ILLEGAL LRV
AL 35 P HI	CHECK INPUT PRESSURE-TO HIGH	AL 55 SP ADJ	CHANGE SPAN VALUE
AL 36 P LOW	CHECK INPUT PRESSURE-TO LOW	AL 60 SC CFG	CONFIGURATION ERROR-CHECK SETTINGS
AL 37 SP HI	STATIC PRESSURE EXCEEDS RANGE	AL 79 OV DISP	DISPLAYED VALUES EXCEED LIMIT

[E] = Execute  
 [R] = Read Only  
 [S] = Select  
 [W] = Read and Write

### BT200 BASIC OPERATION

- POWER on, check connection, press ENTER.
- Select HOME to view PV and transmitter limits.
- Select SET to change engineering units, ranges and output functions.
- Select ADJUST to adjust the display, linearity mA output.
- When changing values press ENTER twice.
- For Execut [E] Commands apply pressure and press ENTER.

