

A1] iPCE-2 PROGRAM INSTRUCTIONS [OPTION M & N]

iPCE-2 Programming is the same as iPCE-1 except as follows:

- 1] Only 2 programs available.
- 2] No Repeat Limit programming.
- 3] No Increment/Decrement programming.
- 4] Offset and Auto-Zero program change.
- 5] Limit Inspection and Programming change.
- 6] Decimal Point programming addition.

A1.1] PROGRAM SCALE FACTOR [Option N]

You want to program a full scale count of 110,050 for 180 Turns.

Note: Only those turns producing a whole number when divided into 180 [Option N] or 100 [Option M] are allowed.

PRESS	DISPLAY	COMMENTS
*		Must be in program mode. See 12.1 or 12.3.
[SF]	[N. TURNS <u>XXX</u>]	Number of turns display
[1,8,0],[ENTER], [SF]	[F.S.C. <u>184320</u>]	Full Scale Count display. Displayed number is the max. programmable count allowed, for the number of turns entered.
[1,1,0,0,5,0], [ENTER] [SF]	[SF. <u>0611.389</u>]	Scale Factor display. Com- puted counts/turn.

A1.2] PROGRAM OFFSET

You want to offset [advance] the electrical position of the transducer by 10,000.

PRESS	DISPLAY	COMMENTS
*		Must be in program mode. See 12.1 or 12.3.
[OFFSET]	[OFF. <u>XXXXXX</u>]	Current offset.
[0,1,0,0,0,0], [ENTER]	[OFF. <u>010000</u>]	New offset

A1.3] AUTO-ZERO OFFSET

The transducer is aligned to mechanical zero. You want the electrical position to be zero.

PRESS	DISPLAY	COMMENTS
*		Must be in program mode. See 12.1 or 12.3.
[POS/TAC]	[POS. XXXXXX]	Current position.
[CLEAR]	[POS. 000000]	

A1.4 PROGRAM DECIMAL POINT

You want to program a decimal point as follows. XXXX.XX

PRESS	DISPLAY	COMMENTS
*		Must be in program mode. See 12.1 or 12.3.
[REPEAT]	[DEC. POINT <u>X</u>]	Decimal point display.
[2], [ENTER]	[DEC. POINT 2]	

Note: Decimal point display indicates the number of decimal point places from the right.