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Description (Con'd.)

The illustration on the back of this circular shows type 213T Transcope Transmitter adjusted for linear response with three springs engaged.

When these transmitters are to supply a signal pressure output proportional to the square root of the differential pressure (Flow Form), five feed-back springs are required and are adjusted to engage with the connecting mechanism in sequence throughout the operating range. This produces a square root relationship between the output signal pressure and the applied differential pressure.

The type of response provided by these transmitters, as well as other information, is contained in the serial number stamped on the nameplate.

For example, a Serial No. 213TD11011-2840 would be subdivided into 213T-D-1-1-0-11-2840 with the following meaning:

213T	Basic Catalogue No.	- Transcope Blind Flow/DP Transmitter
D	Actuation	- Differential Pressure
1	Material and Construction	- 1 for Carbon Steel 2 for Stainless Steel #316
1	Calibration	- 1 for linear response 2 for square root response
0	Accessories	- None
11	Range Span and Working Pressure	- 11 for 20" to 250" w g linear, 1500 p.s.i. - 12 for 20" to 175" w g square root, 1500 p.s.i.
2840	Basic Serial number.	

This approval covers the use of these transmitters with any approved Taylor Receiving Recorder to provide a Taylor pneumatic telemetering system.

W. J. Fraser

(for) E. F. Power,
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Ref: SL-100-966A (Suppl.)