

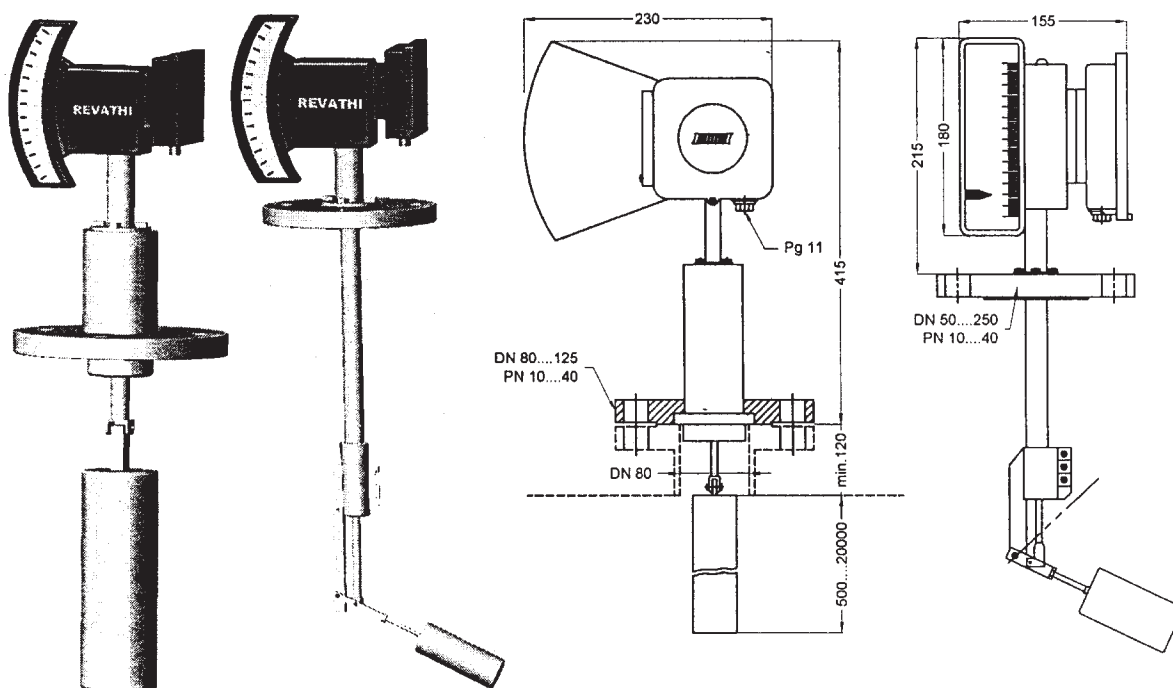
ITEM NO. : 25**ITEM : DISPLACER TYPE LEVEL TRANSMITTER ELECTRONIC****REFER OUR G. A. DRG. NO. RH-AIWT-1001-A/O.****PRINCIPLE OF OPERATION :**

REVATHI – HELIOS LEVEL TRANSMITTERS RN-A1WT & RH-A2WT are having two systems i.e. the immersed body displacer and the high grade instrument combination with Electronic Angle transmitter Wt. The rotation of the extended pointer shaft is picked up contactlessly by a capacitive bridge, amplified and converted with an impressed standard signal. In combination with an intrinsically safe power pack the transmitter satisfies the Explosion safety regulation and may be employed in the rooms where there is an explosion hazard.

The transmitter, may be connected with 2 or 3 wire circuitry with 3 wires connection normal unregulated rectifiers may be used for the power feed. For 2 wire connection or explosion proof versions, power packs specially designed and tested for these duties must be used. The entire instrument head rotates and may be turned into any position to assist reading.

TECHNICAL DATA:

1. Service	: To Mention
2. Op. pressure Kg/Cm ² g / temp. °C / Sp.Gr.	: To mention
3. Mechanical indication	: In liters, m ³ or Kg.
4. Electrical Output	: 0-20mA impressed upto Z1 600 OHMS 4 -20mA impressed upto Z1 600 OHMS
5. Linearity Error	: < ± 1%
6. Repeatability	: < ± 0.2%
7. Temperature Range	: -25 °C to + 70 °C
8. Zero Correction	: ± 5 % of measuring range
9. Test Voltage	: All terminals against housing 500 V rms, 50 HZ 1 minute
10. Power Feed	: 12-36 V ± 10% Current in out max. 24 mA
11. Installed position	: Any
12. Explosion safety	: Intrinsically safe
13. Voltage limitation	: U1 < 22 V
14. Current limitation	: 1 K < 100 mA

DISPLACER TYPE LEVEL TRANSMITTERS**DIMENSIONS****TRANSMITTER TYPE A1WT****TRANSMITTER TYPE A2WT**