

MODEL 335

Piezo-Resistive Liquid Depth Probe Transducer

SPECIFICATIONS:

Pressure Media	Fluids or gases compatible with 316 SST.
Case Material	316 Stainless Steel
Excitation	10 VDC
Output	Between 25 & 100mV
Zero Balance	0.00 ± 25mV max.
Insulation Resistance	500Vrms, 50 Hz., 1 min.
Accuracy	maximum linearity error 0.3% of span. Hysteresis not exceeding 0.1%.
Operating Temperature Range	-30 °F to 120 °F.
Compensated Temperature Range	30 °F to 120 °F.

Thermal Zero Error	Less than 0.01%/°F typical 0.03%/°F max.
Thermal Span Error	Less than 0.01%/°F typical 0.03%/°F max.
Proof Pressure	200% full scale
Pressure Connection:	protected, open diaphragm
Electrical Connection:	4 wire, shielded cable with breather tube. Supply (+) white, (-) gray Output (+) yellow, (-) green
Weight	Transducer: 12.5 oz. Cable: 1.25 oz. per foot

HOW TO ORDER

All 8 spaces must be used.
Spaces 1-3 : Specify model number.
Spaces 4 and 5: Choose pressure range.

Space 6: Specify pressure format. (PSIS only)
Spaces 7-12 : Specify options in the order that they appear.
Notes on Options: 1) Place the code AA in unused option spaces.
2) Consult factory for more than 3 options.

Notes: 1) See conversion factors below.

Part No. 3 3 5 - - 1 - A A

Model No.
335

Pressure Ranges (PSI)

AR: 0-4	AT: 0-35
AS: 0-6	AU: 0-60
BD: 0-10	AV: 0-85
BE: 0-15	BM: 0-150
BG: 0-25	BO: 0-250

Pressure Format

1: PSIG

Options

AA: None

Conversion Factors

Divide inches of H₂O by 27.71 to get psi
Divide feet of H₂O by 2.31 to get psi

