

Model 135 Specifications at 25 °C

Level Measurements

Resolution:	0.1%, 0.1 cm, or 0.1 in
Accuracy:	± 0.5% of active sensor length
Linearity:	± 0.1 %
Sensor Current:	75 mA nominal
Sensor Voltage:	approx. 70 VDC for 80" active sensor length

Operating Parameters

HI and LO Alarms:	0% to 100% adjustable
HI/LO Alarm Relay Contact Ratings:	30 VAC or 60 VDC, 10 VA (up to 0.5 A max) [normally open, closed on alarm]
Sample-and-Hold Period:	0.1 to 600.0 minutes (or hours)

0-10 Volt Analog Output

Integral Non-linearity:	± 0.012 %
Resolution:	16 bits
Total Error:	± 1.1 %
Voltage Drift (0-10 V):	100 ppm / °C

4-20 mA Analog Output @ 24 V

V _{ext} Supply Range:	13-32 VDC
Integral Non-linearity:	± 0.012 %
Resolution:	16 bits
Total Error:	± 0.25 %
Current Drift (4-20 mA):	75 ppm / °C
PSRR:	10 µA / V

Power Requirements

Primary*:	100-120 or 200-240 VAC ±10% 50-60 Hz, 50 VA
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Physical

Dimensions (Standard):	97 mm H x 213 mm W x 273 mm D (3.8" H x 8.4" W x 10.75" D)
Weight (Standard):	1.8 kg (4.0 lbs)
Dimensions (Rack Mount):	89 mm H x 483 mm W x 273 mm D (3.5" H x 19" W x 10.75" D)
Weight (Rack Mount):	2.3 kg (5.0 lbs)

Environmental

Ambient Temperature:	Operating: 0 °C to 50 °C (32 °F to 122 °F) Non-operating: -20 °C to 60 °C (-4 °F to 140 °F)
Relative Humidity:	0% to 95%; non-condensing