

CASCED Controlled English Translation

Source file: 液位/液位变送器.pdf

Original diagrams and page relationships are retained in the paired source PDF. The following English text is the controlled translation and data transcription.

LX/LXX Immersion Level Transmitter

Model: LX / LXX

Product family: Level Measurement

Category: Hydrostatic Level Transmitters



Overview

Immersion-style hydrostatic level transmitter using a silicon piezoresistive sensing element and internal temperature compensation.

Features

- IP67 integrated construction
- Multiple signal outputs
- Stainless-steel housing
- Custom depth range

Applications

- Pharmaceutical
- Power generation
- Aluminum processing
- Metallurgy
- Municipal water supply

Technical Specifications

Specification	Source value
Media	Gas or liquid non-corrosive to 304 and 316L stainless steel

Specification	Source value
Range	Custom liquid depth
Overpressure	200% FS and 300% FS, both printed
Burst pressure	500% FS
Pressure mode	Gauge
Outputs	4–20 mA; 1–5 V; 0–4.5 V; 0–5 V; 0–10 V
Supply	7–36 VDC
Accuracy	±1% FS or ±0.5% FS
Long-term stability	≤±0.2% FS/year typical
Temperature	-40°C to +80°C
Vibration	IEC 60068-2-6, 5–2000 Hz, 20 g
Shock	IEC 60068-2-27, 50 g, 11 ms
Mechanical connection	Flange
Protection	IP67

Source-Control Status

Review required — overload pressure lists two values without variant mapping; the product is called LXX in narrative and LX in ordering example.