

Service Parts & Dimensions 1090-10.21

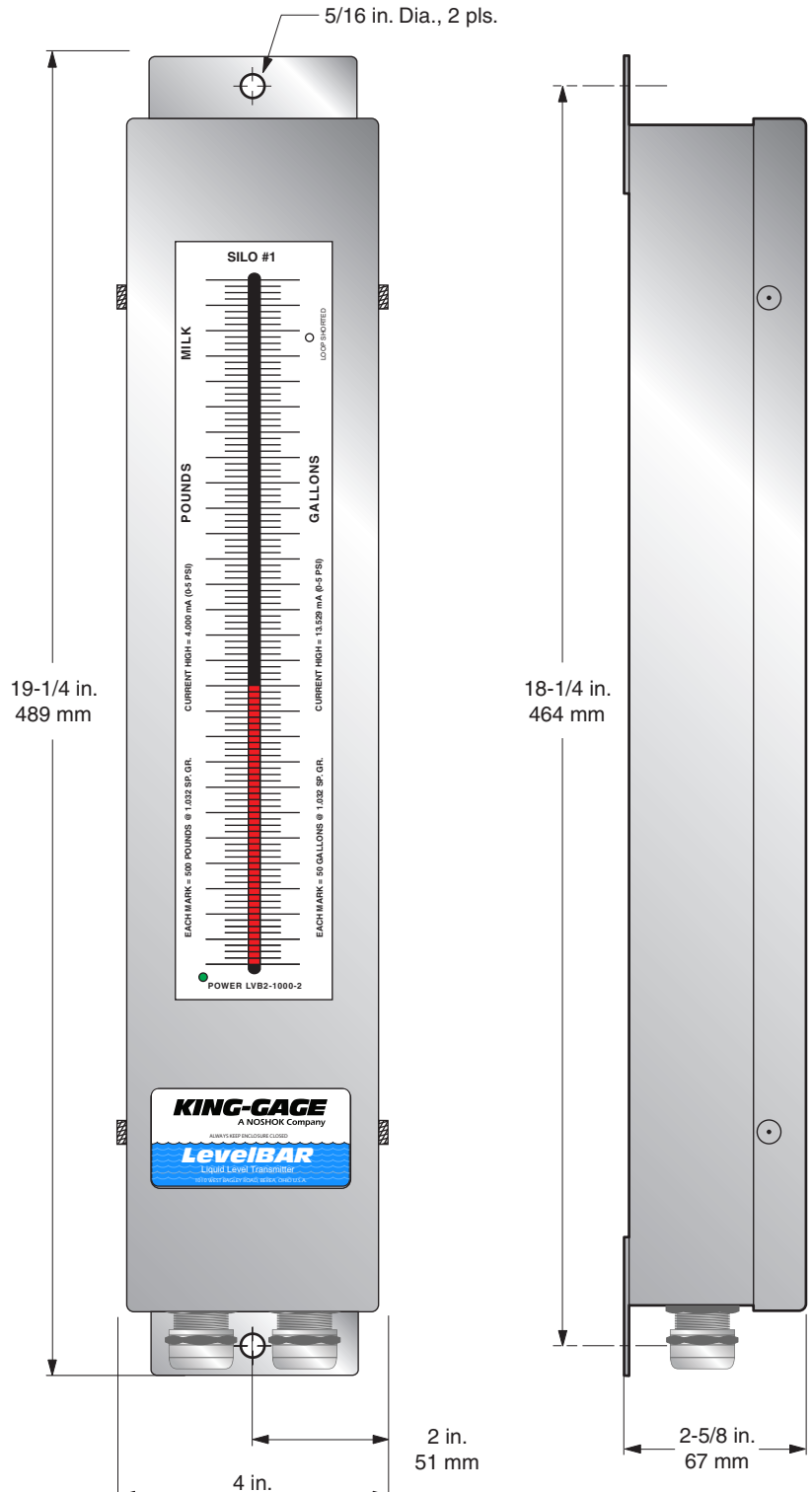
Effective: November 2010 (replaces August 2010)

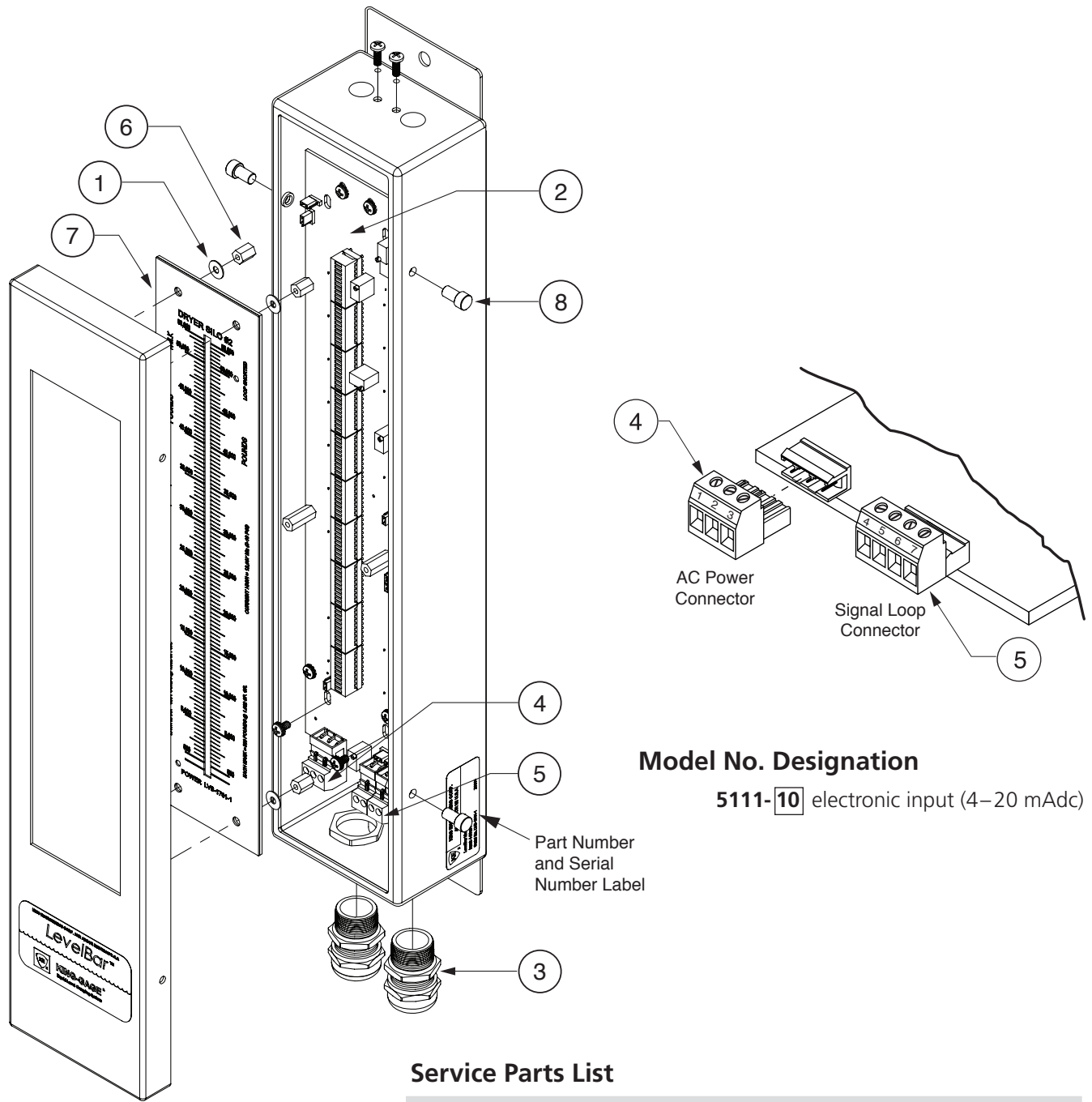
LevelBAR v2 Electronic Column Display Model 5111-10 Electronic Input

Model 5111-10 LevelBAR Indicator Specifications

Analog electronic column indicator accepts two wire proportional milliamp input from external transmitter. Excitation dc voltage is supplied through input terminals. Individual LED segments illuminate sequentially as signal current increases.

- **Display Accuracy/Resolution**
1%
- **Display Type**
100-segment LED (light emitting diode)
- **Display Length**
10"/254 mm
- **Input Power**
100–240 Vac, 50/60 Hz, source ground
- **Output Power**
24 Vdc (transmitter excitation)
- **Input Impedance (Resistance)**
150 ohm nominal (3.0 Vdc drop @ 20 mA)
- **Current Limiting (Overload)**
70 mA_{dc} maximum current; automatic trip/reset circuit using PTC (positive temperature coefficient) resistor limits current overload if signal loop is shorted out.
- **Temperature Range (Environmental)**
30°F to 120°F (-1°C to 49°C) operating range
- **Signal Input**
4–12 mA_{dc} (min.) to 4–20 mA_{dc} full scale range
- **Physical Data**
304 stainless steel housing and cover with gasket seal, transparent polycarbonate display window. Intended to meet splash proof requirements. The use of waterproof conduit hubs or fittings may be required during installation. Not rated for continuous explosion hazard areas.





Model No. Designation
 5111-10 electronic input (4–20 mAdc)

Service Parts List

Item	Description	Quantity	Part No.
1	flat washer, 316 SS	4	2578-10
2	LevelBAR v2 electronic input, display & power supply assy	1	5109-30
3	1/2" NPT liquid tight connector w/ locknut (Sealcon)	2	5204-0-21
4	3-terminal socket connector	1	5858-3
5	4-terminal socket connector	1	5858-4
6	1/4" × 11/32" L aluminum hex standoff	4	5925-6
7	LevelBAR v2 replacement scale, 1-unit LevelBAR v2 replacement scale, 2-unit		5981-1 5981-2
8	6-32 × 3/8" SS thumbscrew	4	79135-10