

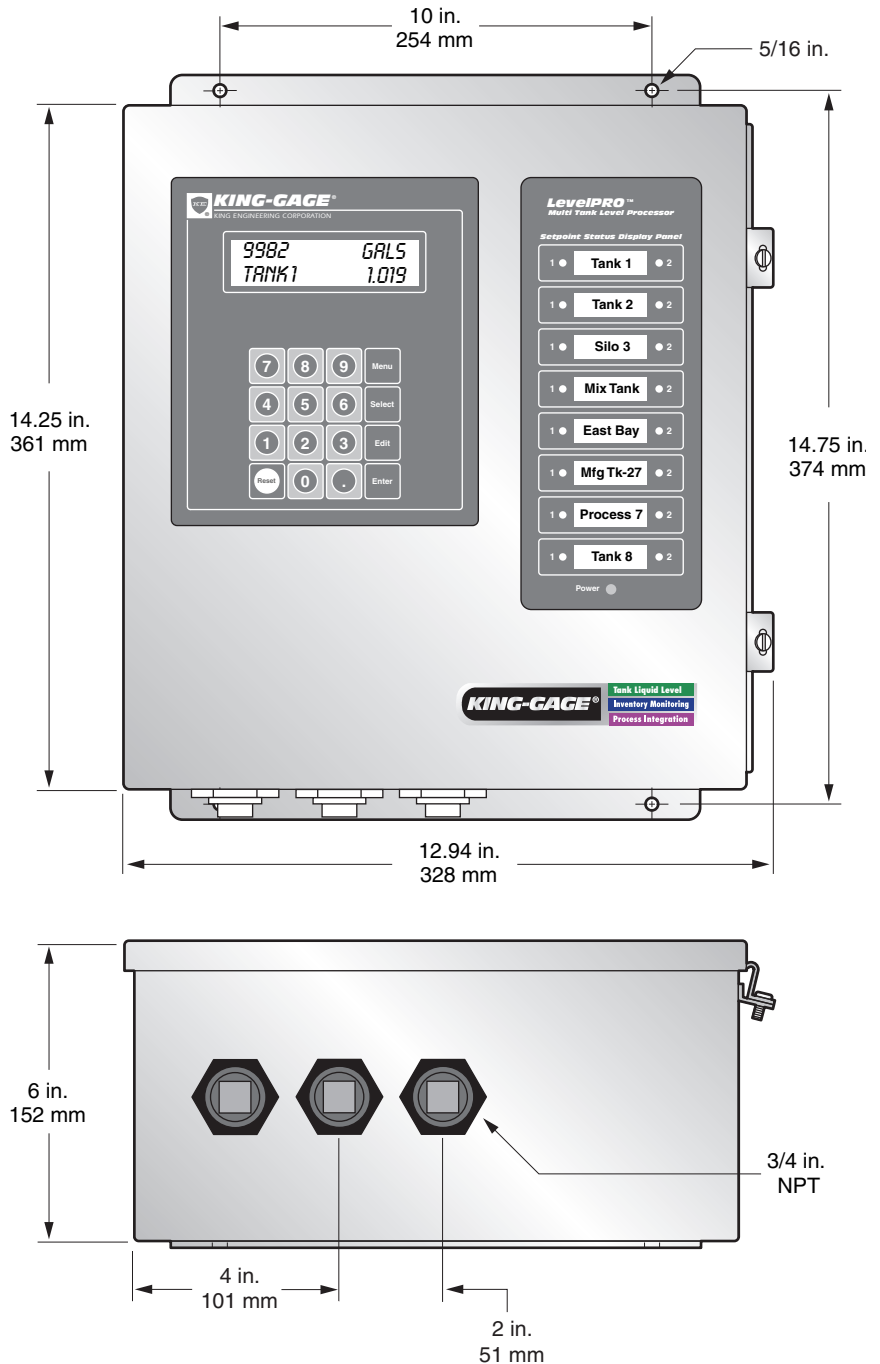
Service Parts & Dimensions – 1080-12.11

Effective: March 2007 (replaces June 2002)

Model 4641-3-1, 4641-3-2 LP2™ SP Setpoint Multi-Tank Processor

Specifications

- Power Requirements**
 100-240 Vac, 50-60 Hz, 25 watts
 (fused internally for 2.5 A 120/250 V)
- Temperature Range** (Environmental)
 30°F to 120°F (-1°C to 49°C)
 operating range
- Signal Input**
 4-20 milliamperes (mA_{dc})
- Input Channels**
 8 input channels; two wire 4-20 mA
 analog signal
- Keypad**
 Membrane numeric keypad, five (5)
 function keys, positive tactile response
- Power Output**
 24 Vdc nominal; fused @ 0.5 Amp
- Input Impedance** (Resistance)
 120 ohm nominal (2.4 Vdc drop @ 20
 mA_{dc})
- Memory**
 Nonvolatile 64kbit memory iButton
- Digital Readout**
 Alphanumeric 0.3173 in. (8 mm)
 16-character x 2-line LCD; numeric
 8-digit (0-99999999 maximum)
- Setpoint Relays**
 (16) sixteen independent user setpoints;
 (2) setpoints per tank channel; SPDT
 (form-C) relays, maximum 3.0 A @ 115
 Vac. Rated for minimum 100,000 cycle/
 life at rated load.; continuously
 adjustable over full input range. Front
 panel LED status indicator gives visual
 confirmation when set-point value has
 been exceeded.
- Accuracy**
 ±0.048% FS (±0.024% FS, typical)
- Resolution**
 ±0.024% FS maximum (±0.004 mA)
- Communications**
 Two (2) serial EIA-485 ports; two wire
 multidrop
- Enclosure**
 14 gauge stainless steel enclosure;
 UL 50 types 4, 4X, 12, 13; hinged cover
 with dual latching screw lugs.



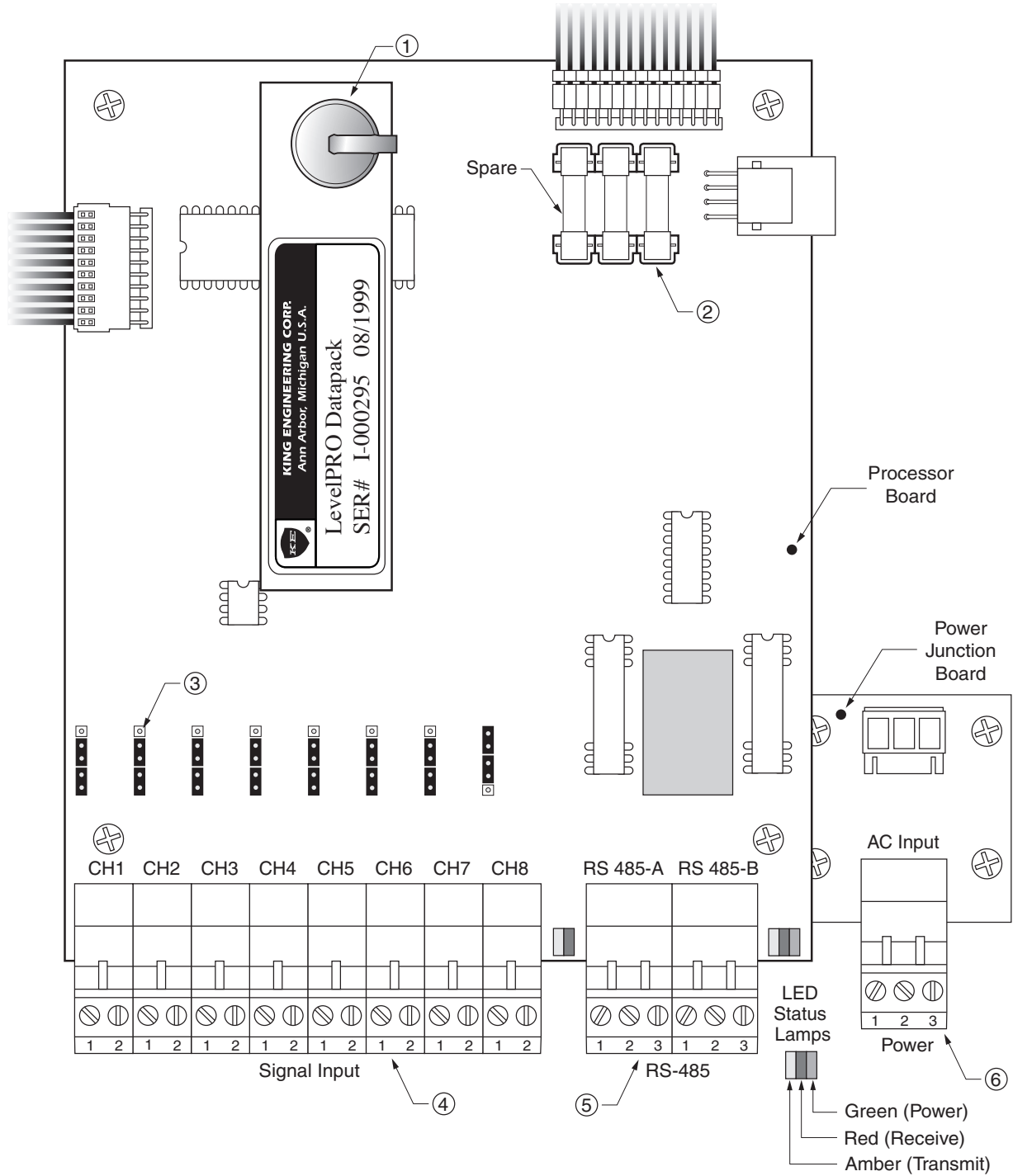
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All specifications are subject to change without notice

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Service Parts List

Item	Description	Part No.
1	Datapack iButton	Note A
2	1/2 Amp 5 x 20 mm fuse (GMA 1/2)	7469-24-0 Note B
3	Shunt/Jumper	5926-1 Note C
4	2-terminal socket connector	5858-2 Note D
5	3-terminal socket connector	5858-3 Note D

Notes:

- A. Application datapack (64 kbit memory iButton) is factory configured with application-specific values. Please reference serial number when ordering replacement or upgrade.
- B. Left side fuse holder contains spare fuse. Replacement part listed is for 5-pack of fuses.
- C. Used in pairs. Position determines whether 24 Vdc excitation is supplied through input terminal.
- D. Screw clamp terminals accept the following wire sizes: #22-14 AWG (UL); #26-12 AWG (CSA).