

Beacon Tower

313542G

ENG

Diagnostic indicator for use with ProMix[®] 2KS and ProMix 2KE Proportioner.
For professional use only.

Not for use in explosive atmospheres.

**Important Safety Instructions**

Read all warnings and instructions in your proportioner installation, operation, and repair manuals.
Save these instructions.

Part No. 122193 Beacon Tower

Includes beacon tower only.

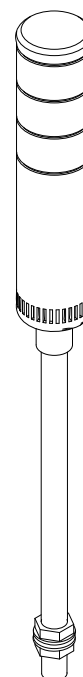
Part No. 15W034 Beacon Tower Kit

Includes beacon tower, cable, connectors, and mounting hardware.

Related Manuals

Manual	Description
312775	ProMix 2KS Manual System Installation
312776	ProMix 2KS Manual Systems Operation
312778	ProMix 2KS Automatic System Installation
312779	ProMix 2KS Automatic System Operation
3A0868	ProMix 2KE Pump-Based Operation
3A0869	ProMix 2KE Meter-Based Operation

**122193 Beacon
Tower Shown**



TI14039a

15W034 Beacon Tower Kit Installation

NOTE: Kit 15W034 is for ProMix 2KS manual systems.

- 1. Feed wires through the hole in adapter (A) and secure the adapter to beacon (1) with set screws.
- 2. Remove the 3/4 in. (19 mm) knockout on top of the EasyKey. Feed the wires through the hole and secure the beacon (1) with the jam nut (N) and washer on the inside of the box. See FIG. 1.

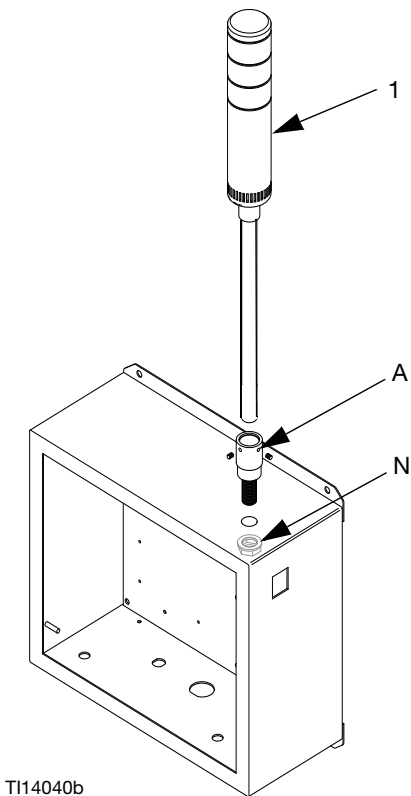


FIG. 1: Install Beacon on EasyKey™

- 3. Install the din rail (7) with two screws (8). Install the header (5) on the din rail and connect the cable (4) to J5 on the EasyKey display board. See FIG. 4.
- 4. Connect yellow and gray wires from beacon to the power terminal. See FIG. 2.

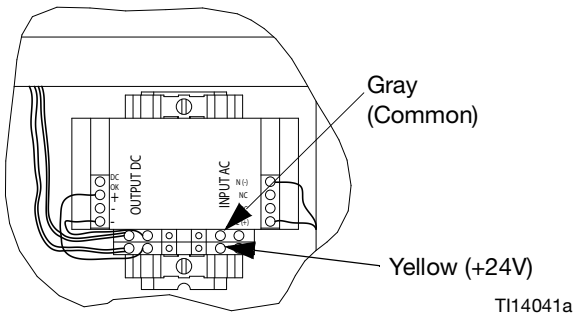


FIG. 2: Power Terminal Connections

- 5. Connect orange, brown, and red wires to header (5) pins 3, 4, and 5. See FIG. 6 on page 6.
- 6. To enable the optional audible alarm, connect purple wire to pin 3 on header (5). See FIG. 6 on page 6. When enabled, it will sound for all system alarms.
- 7. When beacon wiring is completed, insulate the end of each unused lead wire with insulation tape.

Beacon Signals

Flashing Signal/Audible	Description
Amber	A system warning is active; verify alarm.
Red	A potlife alarm exists. System goes to Standby.
Green	Not used.
Audible	A system warning is active; verify alarm.

NOTE: See the ProMix 2KS operation manual for details of the specific alarms.

122193 Beacon Tower Installation

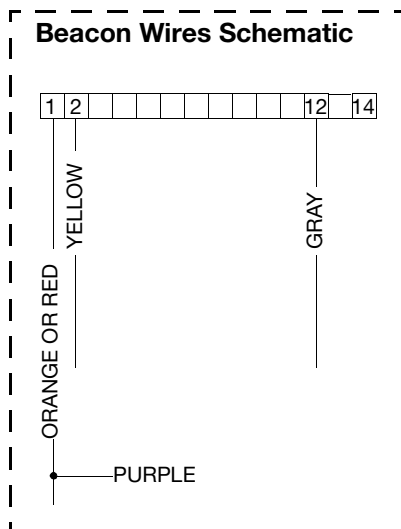
Install on a ProMix 2KS

NOTE: Beacon Tower 122193 is for ProMix 2KS automatic systems (ADxxxx or RDxxxx), or manual systems with wire harness 15W023 installed.

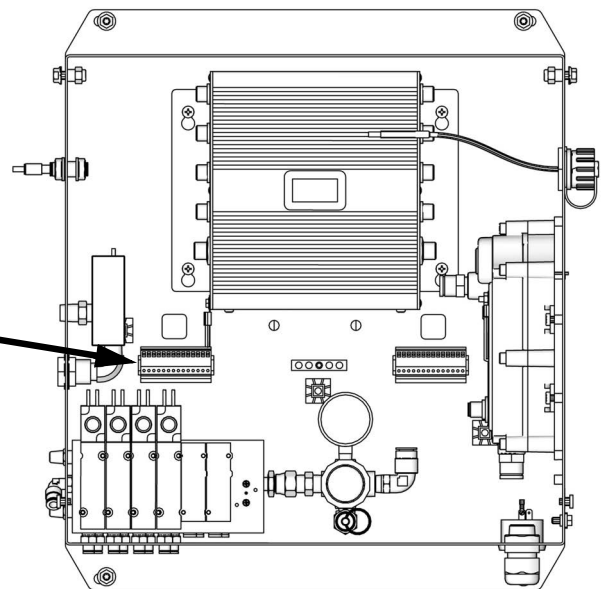
1. Feed wires through the hole in adapter (A) and secure the adapter to beacon (1) with set screws.
2. Remove the 3/4 in. (19 mm) knockout on top of the EasyKey. Feed the wires through the hole and secure the beacon (1) with the jam nut (N) and washer on the inside of the box. See FIG. 1.
3. Connect yellow and gray wires from beacon to the power terminal. See FIG. 2.
4. Connect orange, brown, and red wires to header pins 6, 7, and 8. See FIG. 5 on page 6.
5. To enable the optional audible alarm, connect purple wire to pin 6 on header. See FIG. 5 on page 6. When enabled, it will sound for all system alarms.
6. When beacon wiring is completed, insulate the end of each unused lead wire with insulation tape.

Install on a ProMix 2KE

1. Disconnect the existing alarm from pins 1 and 2 on the terminal strip. See FIG. 3.
2. Mount the beacon near the control box and secure with the jam nut (N) and washer. Feed the wires into the box.
3. Connect the gray wire from the beacon to pin 12 on the terminal strip.
4. Connect the yellow wire from the beacon to pin 2 on the terminal strip.
5. Connect either the orange or red wire to pin 1 on the terminal strip.
6. To enable the optional audible alarm, connect purple wire to pin 1 on the terminal strip. When enabled, it will sound for all system alarms.
7. When beacon wiring is completed, insulate the end of each unused lead wire with insulation tape.



NOTE: Purple wire is for optional audible alarm.



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FIG. 3. Beacon Connections in Control Box, ProMix 2KE

Parts

122193 Beacon Tower, includes item 1 only

15W034 Beacon Tower Kit, includes items 1-8

Ref	Description	Qty
1	LIGHT TOWER, Part No. 122193	1
2	CONNECTOR, terminal, female	3
3	CONNECTOR, 10 position	1
4	WIRE HARNESS, 3 conductor with shield; 24 in. (0.6 m)	1
5	HEADER, 5 position, din rail mount	1
6	CONNECTOR, 5 position	1
7	DIN RAIL	1
8	SCREW, machine; 6-32 x 1/4 in. (6 mm)	2

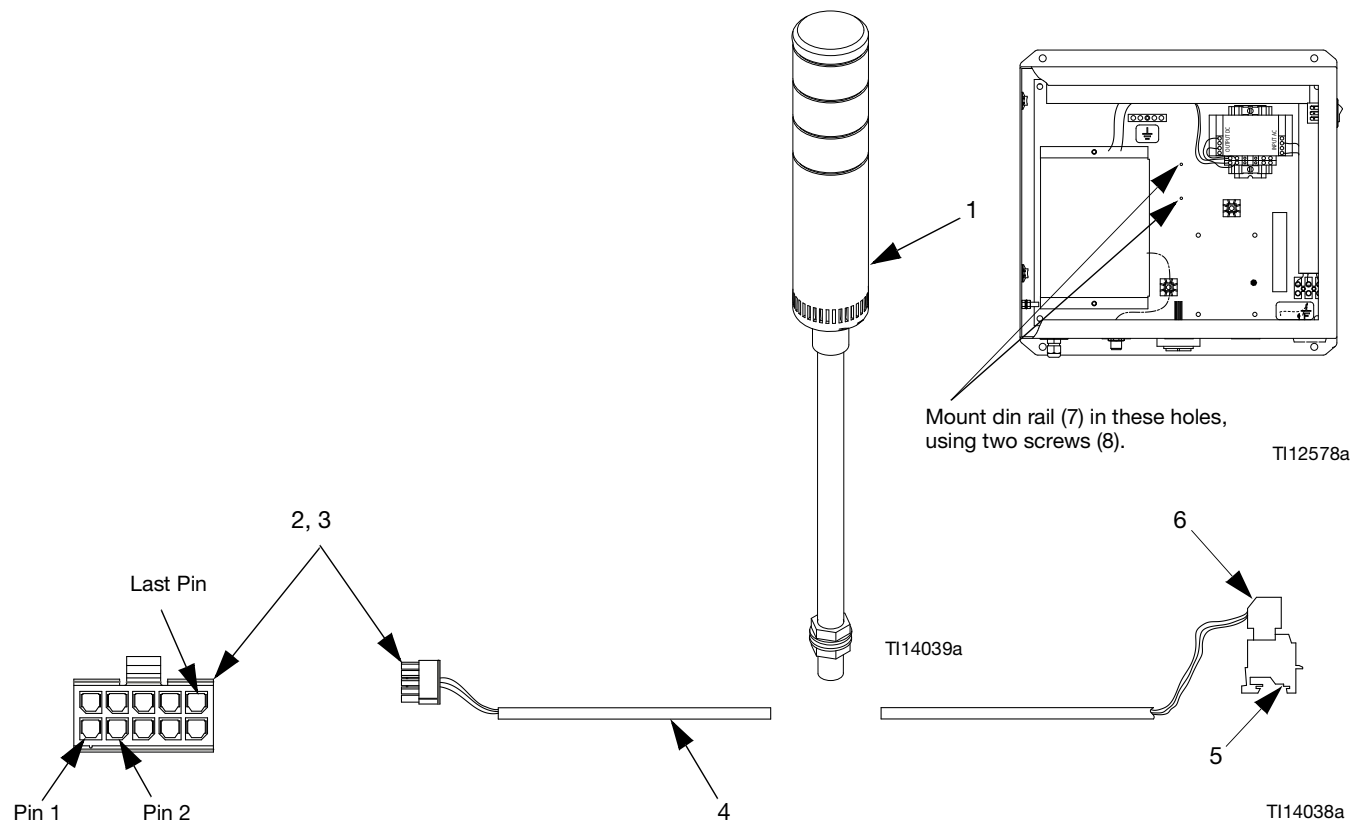


FIG. 4: 15W034 Beacon Kit Parts

Wiring Diagrams

122193 Beacon Tower (for ProMix 2KS Automatic Systems)

Communications and I/O Harness 15W023 is included with Automatic Systems.
Connection points inside the dashed line are already made in the EasyKey.

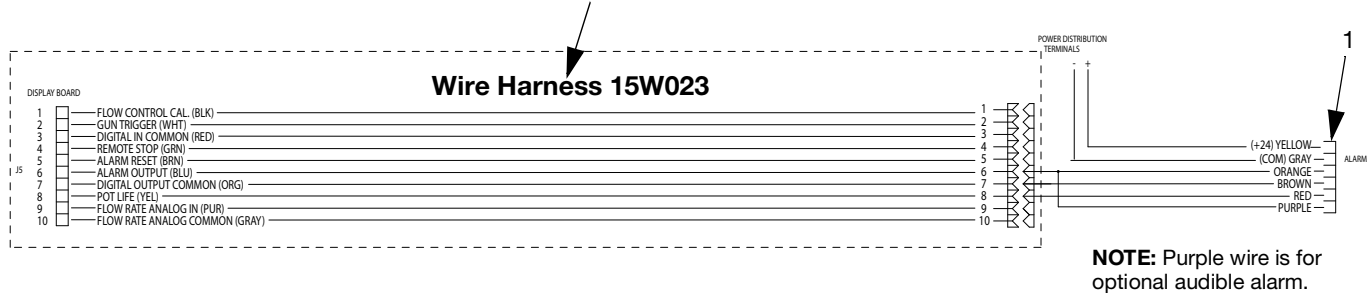


FIG. 5: 122193 Beacon Tower Wiring Diagram

15W034 Beacon Tower Kit (for ProMix 2KS Manual Systems)

NOTE: Item 4 Wire Harness is included with Kit 15W034.

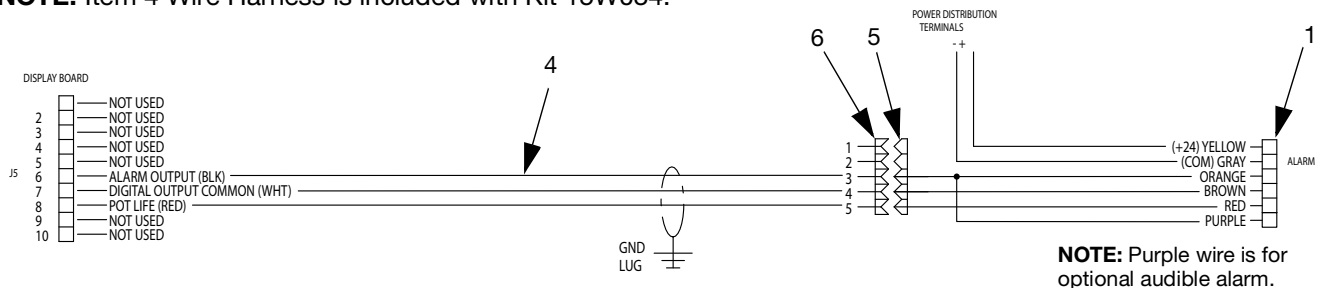


FIG. 6: 15W034 Beacon Tower Kit Wiring Diagram

Graco Information

For the latest information about Graco products, visit www.graco.com.

For patent information, see www.graco.com/patents.

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Original instructions. This manual contains English. MM 313542

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