



# EPG CONNECTION

Your Source for Environmental  
& Industrial Solutions

November 2022

Issue No. 148



## In This Issue:

### Are Breakout Junction Boxes Necessary?

EPG People

## EPG Solutions

Breakout Boxes provide a simple and convenient way to disconnect power or sensor wires during maintenance or repair work. When used in conjunction with properly installed seal-offs, they create a gas-tight seal isolating the riser, well or sump from the control panel.



EPG will almost always recommend the use of breakout junction boxes. It's the most economical approach to extending the life of expensive controls. If the decision is made to forgo the purchase and installation of breakout junction boxes, here is a list of conditions that you may be choosing to accept and live with:

- Migration of landfill gas into control panels
- Troublesome installation and maintenance
- Less safe working conditions
- Weak protection for pump and control systems
- Frequent operation problems
- Higher operating cost
- Short lifespan of sensors, controls and pumps

If any of these conditions are of concern, EPG Breakout Junction Boxes are a reasonable, cost effective, preventive solution. In addition, the option to use less expensive cable for long runs between a breakout box and control panel can offset some of the cost of the box itself.

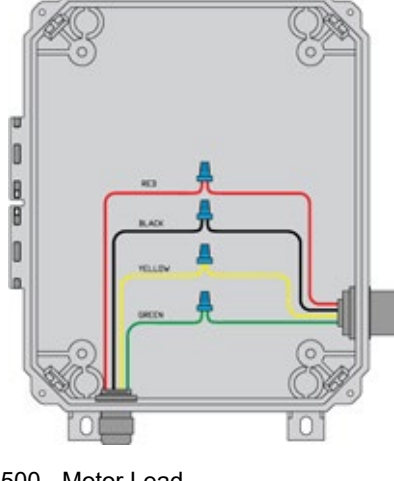
Breakout Boxes aren't just for new pump & control systems. You can add them to any system to help prolong equipment life and improve safety.



EPG offers models to accommodate Power Leads, Level Sensors, Paddlewheel Flow Sensors, Float Switches, Probes, Leak Detectors and more.

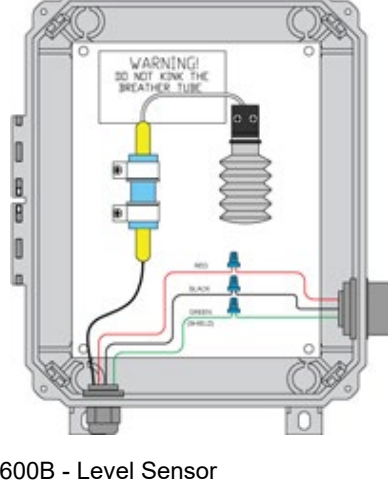
Below are some examples of the most common breakout junction boxes available.

### BJBP500 (Power)



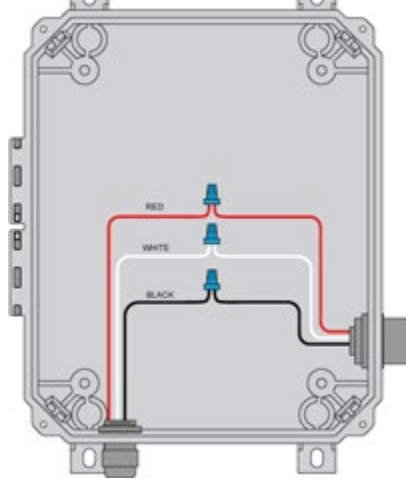
BJBP500 - Motor Lead  
BJBP500SP - Motor Lead (Larger Cables)  
BJBP525 - (2) Motor Leads  
BJBP550 - (3) Motor Leads

### BJBL600B (Level)



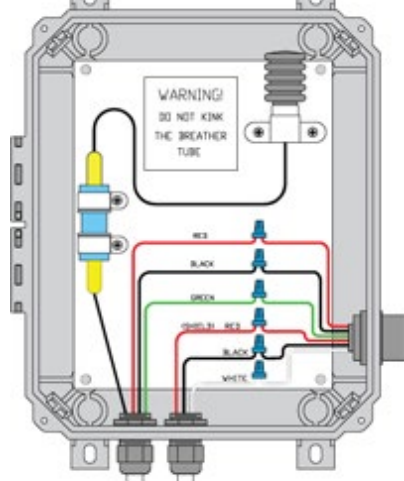
BJBL600B - Level Sensor  
BJBL600BT - Level Sensor (Tank Gauging)  
BJBL600BVA - Level Sensor (Vacuum Application At Riser)  
BJBL625B - (2) Level Sensors

### BJBF700 (Flow)



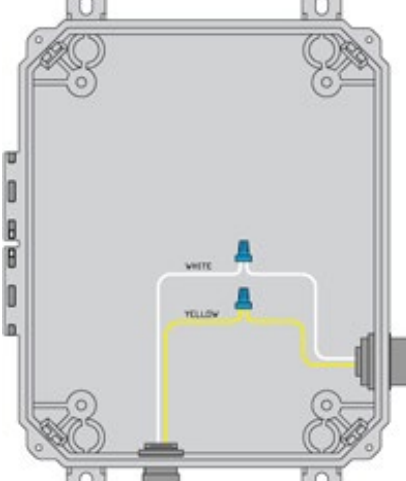
BJBF700 - Flow Sensor  
BJBF725 - (2) Flow Sensors  
BJBF750 - (3) Flow Sensors

### BJBO800B (Level & Flow)



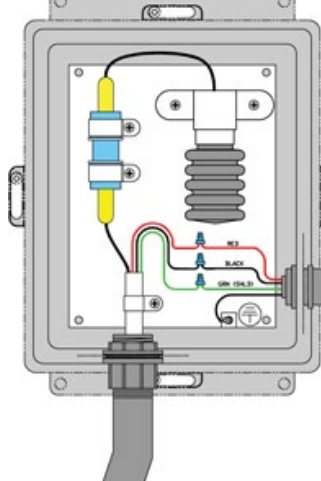
BJBO800B - Level Sensor & Flow Sensor  
BJBO800BT - Level Sensor & Float (Tank Gauging)  
BJBO815B - Level Sensor & Float  
BJBO825B - (2) Level & (1) Flow Sensor  
BJBO850B - (1) Level & (2) Flow Sensors

### BJBF400 (Floats)



BJBF400 - Float  
BJBF425 - (2) Floats  
BJBF440 - (3) Floats  
BJBF450 - (4) Floats  
BJBF460 - (5) Floats

### BJBGE-100B (Gas Effect)



BJBGE-100B Landfill Gas Effect

## Additional Models

BJBD100 - Leak Detection  
BJBS470 - (4) Temperature Sensors  
BJBO900B - (2) Level & (2) Flow Sensors  
BJBO905B - Level Sensor, Flow Sensor & Leak Detection Sensor  
BJBO925B - (2) Level & (2) Leak Detection Sensors  
BJBP300 - (2) Probes  
BJBP315 - (3) Probes  
BJBP325 - (4) Probes

Download these documents to learn more:

[The How & Why of Breakout Junction Boxes](#)

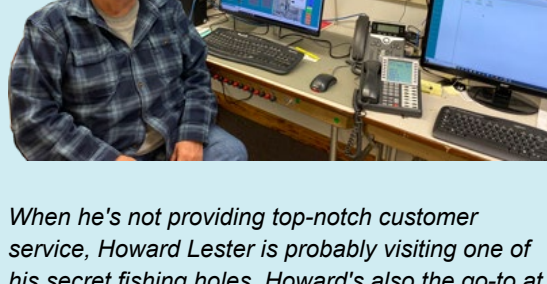
[We call it gas effect; You can call it a problem.](#)

Consult with an Applications Specialist at 1-800-443-7426 or email us at [info@epgco.com](mailto:info@epgco.com) for more information about Breakout Junction Boxes.

## EPG People

### Congrats, Howard Lester!

For the last 18 years, many of you have had the chance to interact with Howard Lester. Perhaps it was in person at your landfill for a start-up or over the phone troubleshooting a pump. Maybe you were one of hundreds who attended Service School and received hands-on training from Howard. After serving as Senior Technician for much of that time, Howard has been promoted to Field Service Manager. Please join us in saying "Congratulations, Howard!"



*When he's not providing top-notch customer service, Howard Lester is probably visiting one of his secret fishing holes. Howard's also the go-to at the office/shop for troubleshooting our car & truck problems. He's just that helpful a guy :)*

## Upcoming Events

*This list includes EPG and Sales Representative events.  
This information is subject to change.*

**Dec 1-3 MN Assoc. of Watershed Districts Conf.**  
Alexandria, MN (EPG Exhibiting)

**Feb 22-24 Wis. Integrated Resource Mgmt. Conf.**  
Green Bay, WI (EPG Exhibiting)

[info@epgco.com](mailto:info@epgco.com) | 800-443-7426 | [www.epgco.com](http://www.epgco.com)



[View as Webpage](#)