

Fieldpiece

Job Link™ Pressure Probe

OPERATOR'S MANUAL

Model JL3PR



www.fieldpiecejoblink.com

Quick Start

- 1 Install the Fieldpiece Job Link™ app on your mobile device and sign up for an account if you're a new user.
- 2 Remove the single screw from the yellow battery cover and install 2 x AAA batteries.
- 3 Press Φ for 1 second to power on.
- 4 Open Measurements in the Job Link™ app and favorite the probe to the tool manager.
- 5 View live measurements on your mobile device up to 350 feet away.

Certifications

CE	EN 300 328
FCC	FCC ID: 2ALHR003
RCM	RCM
WEEE	WEEE
RoHS	RoHS Compliant

Description

The JL3PR Job Link™ Pressure Probe sends long range wireless pressure measurements directly to the Fieldpiece Job Link™ mobile app.

Easily reach service ports in tight spaces using the angled 1/4" fitting. The rubberized protective housing is both ergonomic and rugged for daily use.

Flip the switch to red or blue and Job Link™ app immediately knows which side of the system you're going to place your pressure probe.

The perfect balance of size and capability gives you exactly what you need to diagnose systems day in and day out quickly and confidently.

What's Included

Job Link™ Pressure Probe
2 x Replacement Gaskets
2 x AAA Batteries
Operator's Manual
1 Year Limited Warranty

WARNING

DO NOT APPLY MORE THAN 800 psig.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Fieldpiece Instruments
1636 West Collins Avenue
Orange, CA 92667

Limited Warranty

This probe is warranted against defects in material and workmanship for one year from date of purchase from an authorized Fieldpiece dealer. Fieldpiece will replace or repair the defective unit, at its option, subject to verification of the defect.

This warranty does not apply to defects resulting from abuse, neglect, accident, unauthorized repair, alteration, or unreasonable use of the instrument.

Any implied warranties arising from the sale of a Fieldpiece product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Fieldpiece shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss.

State laws vary. The above limitations or exclusions may not apply to you.

Obtaining Service

Visit www.fieldpiece.com/rma for the latest information on how to obtain service.

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Operation

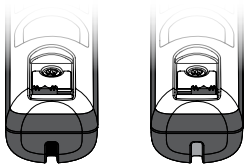
 Press for 1 second to power ON/OFF.

LED Color Indications

Green slow blink: normal operation
Red slow blink: batteries need to be replaced

High or Low Side Switch

The Job Link™ app knows which side you have selected for each probe. Select **Suction** line or **Liquid** line and place it on the system appropriately.



Suction Line
(Low Side)
(Blue)

Liquid Line
(High Side)
(Red)

Remote Data Logging

(Data logging will be available shortly after time of printing. Look for Job Link™ app updates.)

Use the Job Link™ app to program the JL3PR to log measurements starting at a specific time of day for up to 7 days. Auto power off disables.

- 1 Make sure JL3PR is powered OFF.
- 2 Open the Job Link™ app.
- 3 Press ϕ for 5 seconds to enter data logging mode. The LED will shine solid green.
- 4 Set up the probe's data logging parameters within the app. The LED will blink green while the app is sending setup instructions. The LED will slow blink blue when waiting for programmed start time to occur.
- 5 Place the JL3PR on the system.
- 6 When the programmed start time is reached, the LED will very slowly blink green to indicate data logging has begun.
- 7 When the programmed span has finished, the LED blinks and powers OFF.
- 8 Repeat steps 1-3 and use the Job Link™ app to extract your data log from the JL3PR.

Auto Power Off (APO)

The pressure probe will automatically power off after 2 hours. To disable APO until powered off, while power is on tap ϕ twice. The LED will briefly blink red. To enable APO, while power is on tap ϕ twice. The LED will briefly shine red.

Auto Calibration

Automatically calibrate your JL3PR by ensuring the sensor is open to atmosphere when you power ON the probe.

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Fieldpiece
Designed in USA
MADE IN CANADA

Maintenance

CLEANING: Clean the exterior with a damp cloth. Do not use detergents or solvents.

BATTERIES: When the LED slow blinks Red, the batteries must be replaced. Ensure the power is OFF. Remove the single screw from the yellow battery cover. Install 2 x AAA batteries. You can also monitor battery life in the Job Link™ app tool manager.

GASKET: The black rubber gasket that seals the pressure probe to the service port may become worn over time potentially causing a leak. This results from overtightening or connecting to damaged service port fittings.

- 1 Use needle nose pliers or a similar tool to unscrew the Schrader valve depressor from the gasket.
- 2 Remove and replace the worn gasket.
- 3 Screw the depressor back into the gasket.



Specifications

Minimum Device Requirement:

BLE 4.0 devices running iOS® 7.0 or Android™ 5.0
(Latest compatibility at www.fieldpiece.com)

Sensor Type: Relative pressure

Connector Type: Standard 1/4" NPT female flare fitting (angled)

Measurement Range:

29" HgV to 580 psig, 74 cmHgV to 0 to 4000 kPa

Accuracy:

29" HgV to 0" HgV: ± 0.2 " HgV; 74 cmHgV to 0 cmHgV: ± 1 cmHgV

0 to 200 psig: ± 1 psig; 0 to 1378 kPa: ± 7 kPa

200 to 580 psig: ± 2 psig; 1378 to 4000 kPa: ± 14 kPa

Maximum Overload Pressure: 800 psig (5500 kPa)

Battery Type: 2 x AAA, NEDA 24A, IEC LR03

Battery Life: 150 hours typical alkaline. LED blinks red when battery replacement is needed.

Auto Power Off: 2 hours (APO can be disabled)

Wireless Range: 350 feet (107 meters) line of sight.

Obstructions affect distance.

Radio Frequency: 2.4 GHz

Operating Environment: 32°F to 122°F (0°C to 50°C) at <75% RH

Storage Temperature: -4°F to 140°F (-20°C to 60°C), 0 to 80% RH (with batteries removed)

Temperature Coefficient: 0.1 x (specified accuracy) per 0.6°F

(32°F to 64°F, 82°F to 122°F), per 1°C (0°C to 18°C, 28°C to 50°C)

Weight: 0.39 lbs (177 g)

Water Resistant: Designed to IP55