Fieldpiece

Job Link® System Pressure Probe

OPERATOR'S MANUAL

Model JL3PR

www.fieldpiecejoblink.com

Quick Start

1 Install the Fieldpiece Job Link® system app on your mobile device and sign up for an account if you're a new user.
2 Remove the single screw of the yellow battery cover and install 2 x AAA batteries.
3 Press ⏻ 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 1000 feet away.

What's Included

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

WARNING

Hand turn the female fitting to connect and disconnect. DO NOT use the plastic body to increas leverage. Doing so can cause damage, leaks, and void warranty.

Do not apply more than 800 psig.

Description

The JL3PR Job Link® System Pressure Probe sends long range wireless pressure measurements directly to the Fieldpiece Job Link® system 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 the 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.
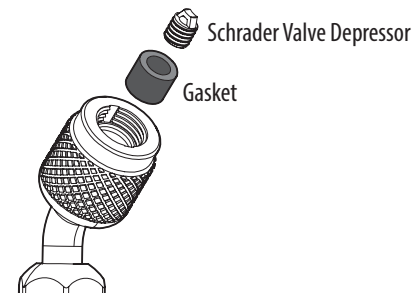
Maintenance

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.

Schrader Valve Depressor

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: 1000 feet (350 meters) line of sight. Obstructions affect distance.
Radio Frequency: 2.4 GHz
Operating Environment: -4°F to 122°F (-20°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 1.8°F (-4°F to 64°F, 82°F to 122°F), per 1°C (-20°C to 18°C, 28°C to 50°C)
Weight: 0.39 lbs (177 g)
Water Resistant: Designed to IP55
US Patent: www.fieldpiece.com/patents

Operation

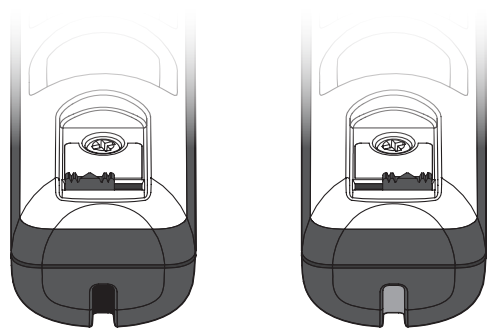⏻ Press for 1 second to power ON/OFF.

LED Color Indications

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

High or Low Side Switch

The Job Link® system 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 updates.)

Use the Job Link® system mobile 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® system mobile app.
3 Press ⏻ 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 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 ⏻ twice. The LED will briefly blink red. To enable APO, while power is on tap ⏻ 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.

Limited Warranty

Obtaining Service

For international customers, warranty for products purchased outside of the U.S. should be handled through local distributors. Visit our website to find your local distributor.

Fieldpiece®
Designed in USA
MADE IN TAIWAN

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Certifications and Module IDs

EN 300 328

Regulatory Compliance Mark

IC: **Industry Canada**

Waste Electrical and Electronic Equipment

UK Conformity Assessed Mark

Restriction of Hazardous Substances Compliant

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.

. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

. 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).

FCC Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) L'appareil ne doit pas produire de brouillage;

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement: This equipment complies with RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5 cm between the radiator and your body.

Cet équipement est conforme aux CNR-102 d'Industrie Canada. Cet équipement doit êtreinstallé et utilisé avec une distance minimale de 0.5 centimètres entre leradiateur et votrecorps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec autreantenne ou émetteur. Les antennes utilisées pour cet émetteur doivent être installés etfournir une distance de séparation d'au moins 0.5 centimètre de toute personne et doit pas être co-située ni fonctionner en conjonction avec une autre antenne ou émetteur.

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