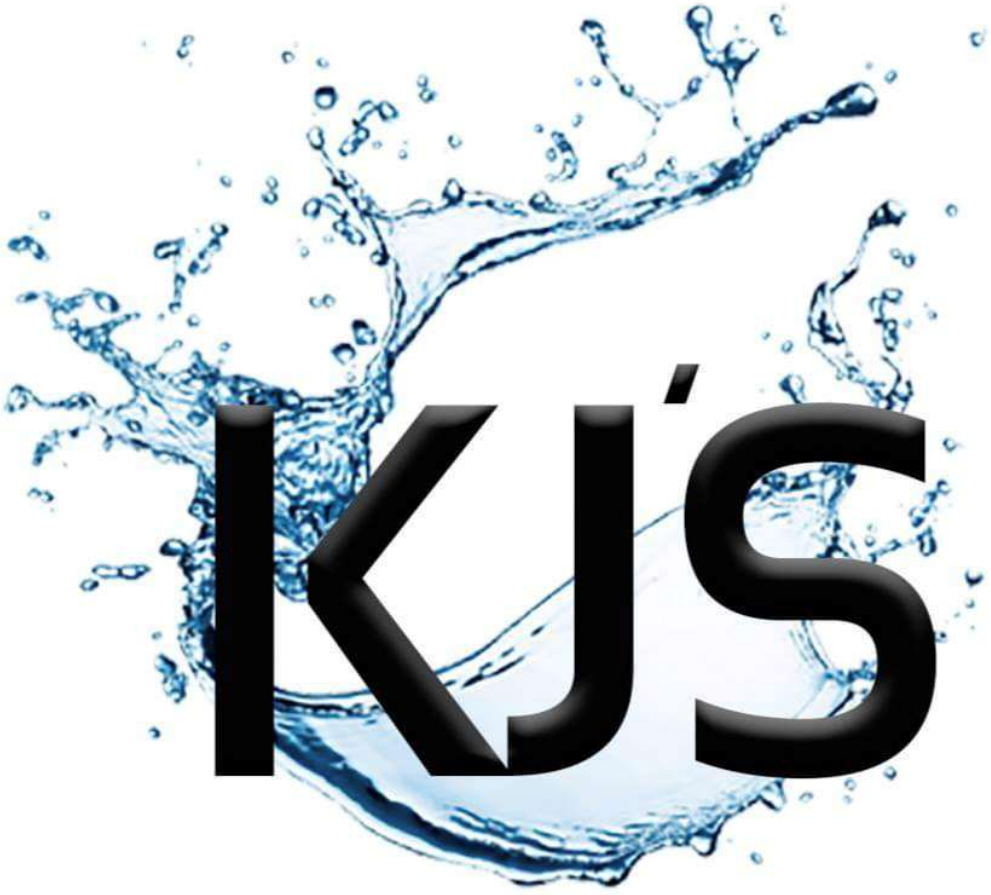
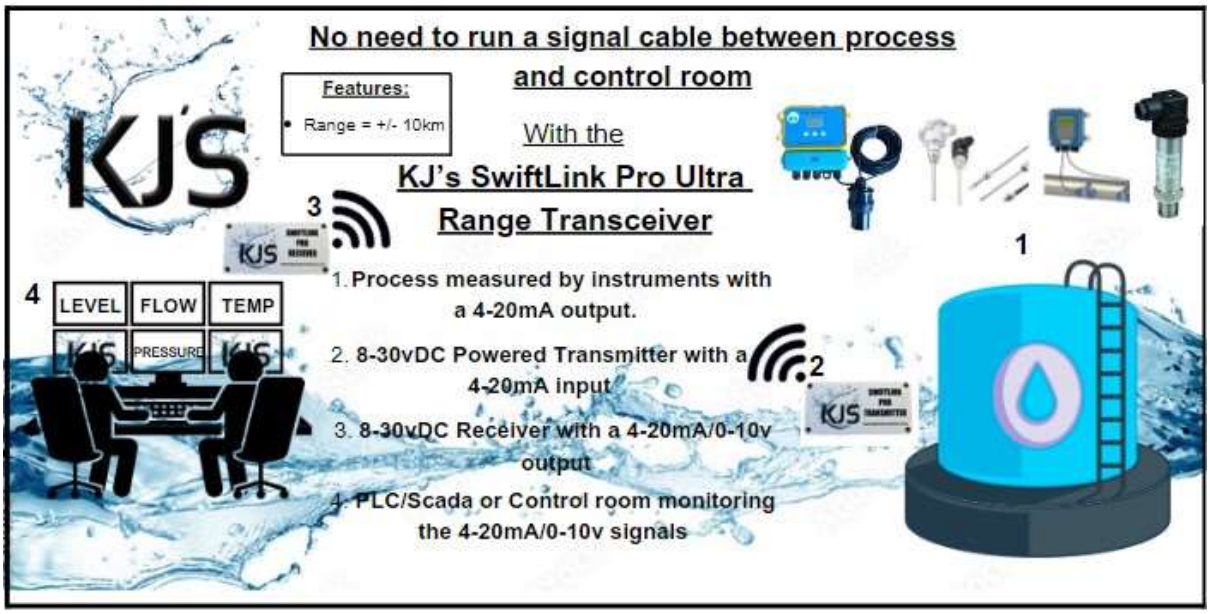


SwiftLink Pro Ultra Range Transceiver Manual

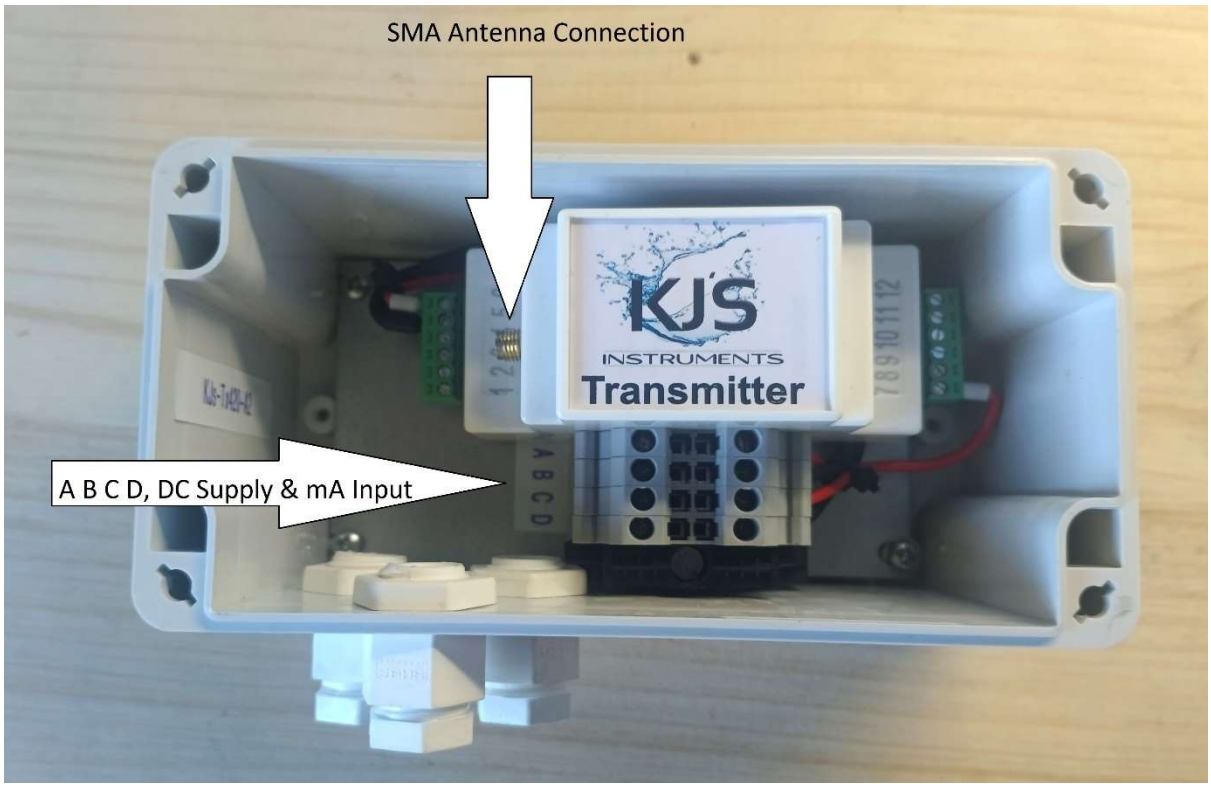
Introduction:

The KJs SwiftLink Pro Ultra Range Transceiver (KJsSLP) is used to send a 4 to 20mA reading wirelessly from point A to point B. The KJsSLP comes with a Transmitter (Tx), a Receiver (Rx) and 2 x High Gain Antennas.

KJsSLP Setup:



Tx Installation and Connections:



Step 1: Mount the Tx close to the instrument measuring the process, supplying a 4 to 20mA signal.

Step 2: Connect the Power Supply (12-24VDC) to the Tx (+A; -B) through the **top gland**.

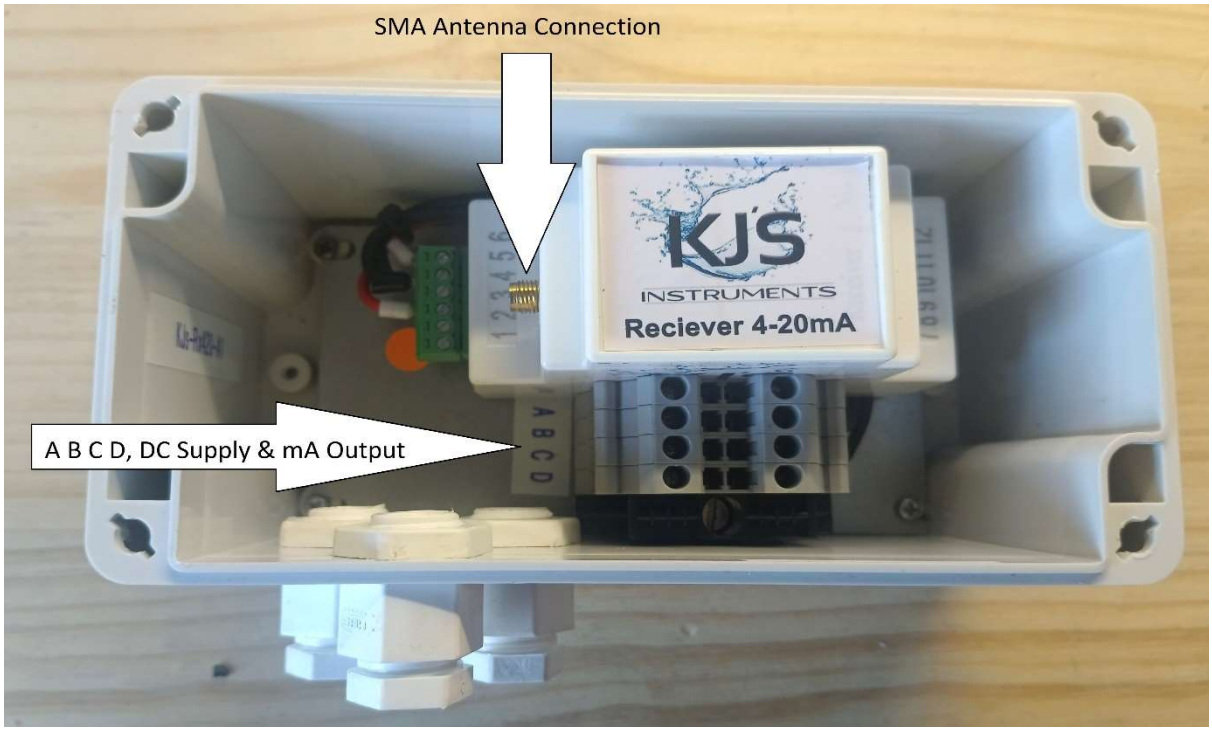
Step 3: Connect the 4 to 20mA signal from the instrument measuring the process, to the Tx (+C; -D) input, through the **bottom right gland**.

Step 4: Squeeze the SMA antenna connection through the **bottom left gland**. You will need to take the gland apart and place each part of the gland over the SMA antenna connection separately, connect the antenna and tighten the gland after that.

Tx Connections: 5 x Connections only.

A	+ 12 to 24VDC
B	- 12 to 24 V DC
C	+ 4 to 20mA Input
D	- 4 to 20mA Input
SMA Antenna	Indicated in picture above

Rx with 4 to 20mA Output Installation and connections:



Step 1: Mount the Rx close to the monitoring station that requires the 4 to 20mA output.

Step 2: Connect the Power Supply (12-24VDC) to the Rx (+A; -B) through the **top gland**.

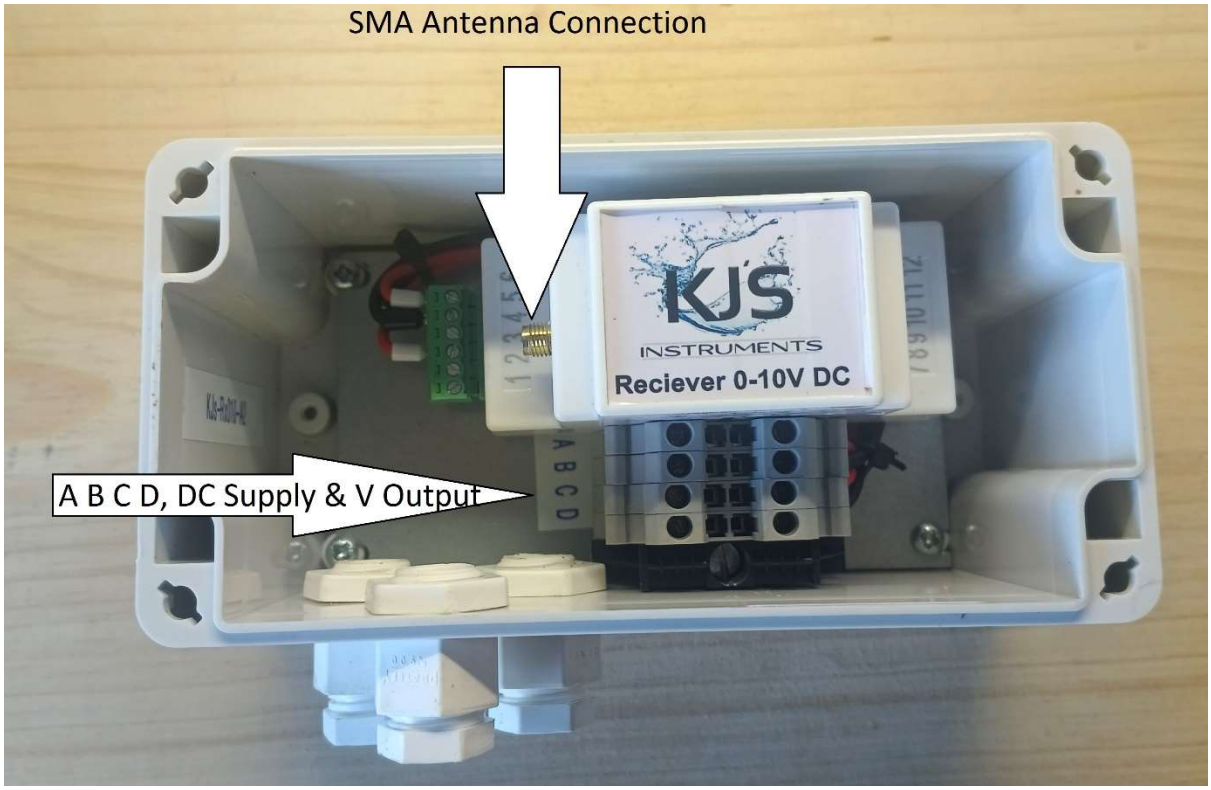
Step 3: Connect the 4 to 20mA output from the Rx (+C; -D) through the **bottom right gland**.

Step 4: Squeeze the SMA antenna connection through the **bottom left gland**. You will need to take the gland apart and place each part of the gland over the SMA antenna connection separately, connect the antenna and tighten the gland after that.

Tx Connections: 5 x Connections only.

A	+ 12 to 24VDC
B	- 12 to 24 V DC
C	+ 4 to 20mA Output
D	- 4 to 20mA Output
SMA Antenna	Indicated in picture above

Rx with 0-10V Output Installation and connections:



Step 1: Mount the Rx close to the monitoring station that requires the 0-10V output.

Step 2: Connect the Power Supply (12-24VDC) to the Rx (+A; -B) through the **top gland**.

Step 3: Connect the 0-10V output from the Rx (+C; -D) through the **bottom right gland**.

Step 4: Squeeze the SMA antenna connection through the **bottom left gland**. You will need to take the gland apart and place each part of the gland over the SMA antenna connection separately, connect the antenna and tighten the gland after that.

Tx Connections: 5 x Connections only.

A	+ 12 to 24VDC
B	- 12 to 24 V DC
C	+ 0-10V Output
D	- 0-10V Output
SMA Antenna	Indicated in picture above

High Gain Antenna's:

The High gain antenna comes with a cable that will assist you to make sure the antenna is never mounted inside a steel enclosure. Both the Tx and Rx need an antenna connected. The antenna comes with a magnetic base making it easy to mount on the outside of a steel surface. If you are struggling to obtain a connection between the Tx and the Rx, mount the antennas as high as possible.

Tx & Rx Dimensions:

Both the Tx and Rx are the same size.

Length = 160mm

Width without Glands = 80mm

Width with Glands = 100mm

Height = 90mm

Contact Details:

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