

High / Low Swap



Introduction

Sometimes during the rush of installation, impulse lines can be plumbed to the incorrect ports. This can go unnoticed until the unit is put into operation causing a delay until the unit is properly plumbed. As a temporary fix, Yokogawa transmitters allow the customer to electronically swap the High-pressure and Low-pressure sides of the sensor.

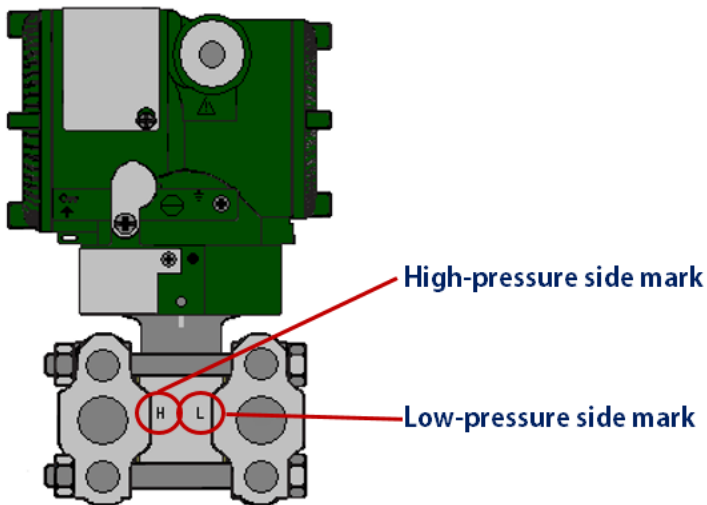
Applicable Models

- > **EJA-E Series:** EJA110E, EJA120E, and EJA130E
- > **EJX-A Series:** EJX110A, EJX120A, and EJX130A

Warning



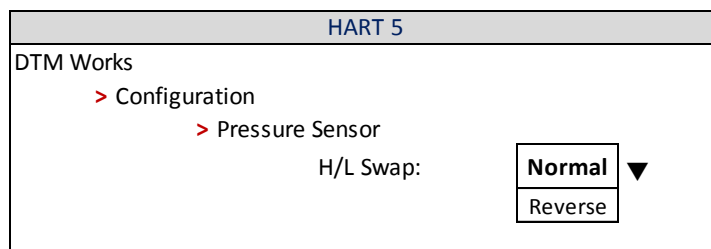
Each transmitter has the Low-pressure side and the High-pressure side labeled on the capsule body (See **Figure 1**). Since this label will remain unchanged, use this function only when you cannot switch the impulse piping. If this function is used, the relationship between the label and the actual operation on the unit will be reversed.



FGP130-01.a

Figure 1: EJA110E High-pressure / Low-pressure side markings. (EJX110A marking are in the same location)

Programming



FGP130-02.a

Although FieldMate is highlighted here, any Hart Communicator has access to these functions. Refer to the User's Manual for the HART programming tree.

The function is available on HART 5 and HART 7.

Setting when Shipped

Item	Setting
H/L Swap	Normal

FGP130-03.a

BRAIN PROTOCOL

The features described in this FieldGuide are also available for EJA-E and EJX-A transmitters with BRAIN Protocol communication. Please refer to the User's Manual for details.

