

This inspection standard applies to Model EJA565E/EJA564E Hygienic & Sanitary Gauge Pressure Transmitter.

## 1. INSPECTION ITEMS

- 1.1 Input/Output Check
- 1.2 Checking Communication Function
- 1.3 Operation Check of The Integral Indicator

## 2. INSPECTION METHODS, STANDARD, AND CONDITIONS

### 2.1 Input/Output Check

Connect the standard resistor of 250  $\Omega$ , the load resistor of 100  $\Omega$ , the voltmeter (connected in parallel with the standard resistor), and the power supply of 24 V DC  $\pm$  1% to the SUPPLY terminal. Connect the pressure test unit to the measuring pressure end connection. Using the pressure test unit, test shall be carried out by applying a measuring pressure of 0, 50 and 100% of span in an increasing and decreasing order. Table 1 shows the accuracy.

Note: This model maintains a specification conformance of at least 3 $\sigma$ .

Note: When the specified measurement range value includes negative pressure, the exact specified value may not be used for the inspection due to the atmospheric pressure effect. In that case, we conduct the inspection by using the negative pressure as close as possible to the specified measurement value.

### 2.2 Checking Communication Function

Use a hand-held terminal to ensure HART communication is possible.

### 2.3 Operation Check of the Integral Indicator

Check that the value of the input/output read on the integral indicator comes within the accuracy tolerance, which is obtained by adding 0.1 to the absolute value of the percentage of the accuracy tolerance shown in Table 1.

Table 1. Reference Accuracy

Model	Accuracy (% of Span)
EJA564E	$\pm$ 0.2 ( $\pm$ 0.1 opt./HAC)
EJA565E	$\pm$ 0.1( $\pm$ 0.075 opt./HAC)

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