IMPORTANT

This ***Field Guide*** is not applicable to the EJX910A Multi-variable transmitter.

The EJX series of transmitters offers a large, easy to read integral indicator that can locally display a wide range of information.

The indicator can display:

- Pressure and Static Pressure
  - ✓ Displayed on a Sweeping Bar Graph and Numerically.
  - ✓ Numerically can be displayed as a percentage or in Engineering Units.
  - ✓ A wide range of Engineering Units are available.
  - ✓ Can be displayed in up to 5 digits.
- Square Root output
- Write Protect Status

Section 1.0 Basic Display Symbols

(Refer to ***Chart 1*** & ***Figure 1***)

Symbol	
	Write Protect Enabled
	Square Root Output
P	Pressure Displayed
SP	Static Pressure Displayed
%	Displayed in Percentage
x1000	Multiplier
▲	**Output Signal zero adjusted(Increasing)**
▼	**Output Signal zero adjusted(Decreasing)**

Chart 1

Figure 1

Section 2.0 Display Modes

There are five displays available for the integral indicator:

- Input Pressure
- % Of Range
- User Set Scale
- Input Static Pressure*
- % Of Static Pressure Range*

The indicator can be set to cycle through up to four different displays.

Note

* Only available for differential pressure transmitter

(See ***Figure 2***)

Available displays	Description and related parameters
Input pressure (PRES) 	Indicates values of input pressure with the indication limits −99999 to 99999. PRES 456 kPa
% of range (PRES %) 	Indicates input pressure in −2.5 to 110% range depending on the set range (**LRV** and **URV**). PRES % 45.6 %
User set scale (ENGR. PRES) 	Indicates values depending on the engineering range (**Engr LRV** and **Engr URV**) with the unit (**Engr Unit**). Engr LRV 0.0 Engr URV 45.0 Engr exp ×100 Engr Unit m3/min Engr point 1
Input static pressure (SP)*1 	Indicates input static pressure with the indication limits –99999 to 99999. Reference pressure is factory-set in absolute. SP 4.000 MPa
% of static pressure range (SP %)*1 	Indicates input static pressure in −10 to 110% range depending on the set range (**SP LRV** and **SP URV**). SP % 52.6 %

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*1: Available for differential pressure transmitter.

Figure 2

Section 3.0 Engineering Units

The indicator has a wide range of Engineering units that are preprogrammed into the display.

(See ***Chart 2***)

Alternately, the indicator can be programmed with any unit the customer needs (Not just the preprogrammed units). The unit can be up to eight alphanumeric characters, but only the first six characters will be displayed.

Note

The following symbols are not available: **# % & < > . * : -**

(See ***Figure 3***)

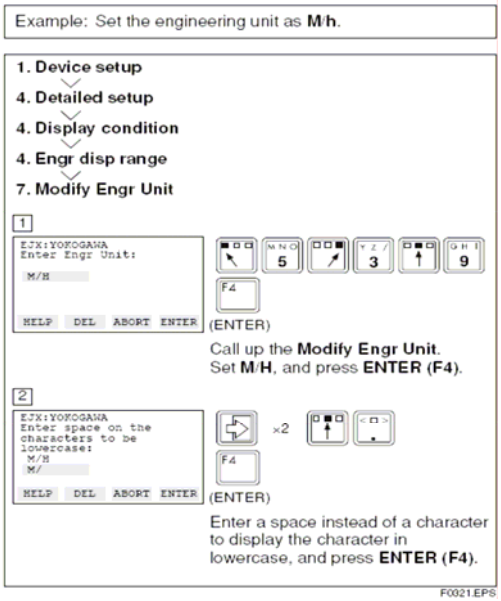

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Figure 3

IMPORTANT

* The units are longer than the displayable range; the characters beyond the limitation will not be displayed.

Unit	Symbol	Displayed	Unit	Symbol	Displayed
Percentage	%	%	Grams of Force per centimeter squared	gf/cm2	gf/cm2
KiloPascals	kPa	kPa	Kilograms per centimeter squared	kg/cm2	kg/cm2
KiloPascals (Absolute)	kPaabs	kPaabs	Kilograms per centimeter squared (Absolute)	kg/cm2abs*	**kg/cm2a***
KiloPascals (Guage)	kPaG	kPaG	Kilograms per centimeter squared (Guage)	kg/cm2G	kg/cm2G
MegaPascals	MPa	MPa	Kilograms of Force per centimeter squared	kgf/cm2	kgf/cm2
MegaPascals (Absolute)	MPaabs	MPaabs	Kilograms of Force per centimeter squared (Absolute)	kgf/cm2abs*	**kgf/cm2***
MegaPascals (Guage)	MPaG	MPaG	Kilograms of Force per centimeter squared (Guage)	kgf/cm2G*	**kgf/cm2***
bar	bar	bar	Milimeters Water Guage	mmWG	mmWG
bar (Absolute)	barabs	barabs	Milimeters Water Guage (Absolute)	mmWGabs*	**mmWGab***
bar (Guage)	barG	barG	Atmosphere	atm	atm
millibar	mbar	mbar	Kilograms per hour	kg/h	kg/h
millibar (Absolute)	mbarabs*	**mbarab***	Tonnes per Hour	t/h	t/h
millibar (Guage)	mbarG	mbarG	Cubic meters per hour	m3/h	m3/h
Torr	Torr	Torr	Cubic meters per minute	m3/min	m3/min
Millimeters of Water	mmH2O	mmH2O	Litres per hour	l/h	l/h
	mmAq	mmAq	Litres per minute	l/min	l/min
Millimeters of Water (Absolute)	mmH2Oabs*	**mmH2Oa***	Kilolitres per hour	kl/h	kl/h
	mmAqabs*	**mmAqab***	Kilolitres per minute	kl/min	kl/min
Millimeters of Water (Guage)	mmH2OG	mmH2OG	Normal Litres per hour	Nl/h	Nl/h
	mmAqG	mmAqG	Normal Litres per minute	Nl/min	Nl/min
inches of water	inH2O	inH2O	Normal meter cubed per hour	Nm3/h	Nm3/h
inches of water (Absolute)	inH2Oabs*	**inH2Oa***	Normal meter cubed per minute	Nm3/min	Nm3/min
inches of water (Guage)	inH2OG	inH2OG	SCFH	SCFH	SCFH
Pounds per Square inch (PSI)	psi	psi	SCFM	SCFM	SCFM
Pounds per Square inch (Absolute)	psiabs	psia	Meter	m	m
inches of Mercury	inHg	inHg	Millimeter	mm	mm
inches of Mercury (Absolute)	inHgabs*	**inHgab***	Inch	in	in
Feet of Water	ftH2O	ftH2O	Foot	ft	ft
Feet of Water (Absolute)	ftH2Oabs*	**ftH2Oa***	Kilogram per centimeter cubed	kg/cm3	kg/cm3
Grams per centimeter squared	g/cm2	g/cm2	Gram per centimeter cubed	g/cm3	g/cm3
Grams per centimeter squared (Guage)	g/cm2G	g/cm2G			
Grams of Force per centimeter squared	gf/cm2	gf/cm2			
Kilograms per centimeter squared	kg/cm2	kg/cm2			

Chart 2