

# SMART RETROFIT KIT FOR PX750 TRANSMITTERS

## PX751-SMART KIT



**Convert Your PX750  
Analog Transmitter  
into a "Smart"  
Transmitter!**



PX750-150DI,  
shown smaller  
than actual size.

- ✓ **The Most Economical Way to Convert a Loop to "Smart"**
- ✓ **Simple Plug-In Design**
- ✓ **Compatible with PX750 Transmitters from 5 inH<sub>2</sub>O to 6000 psi**
- ✓ **Integral Span and Zero Pushbuttons**
- ✓ **Digital HART® Communications Using HART® Protocol Without Interrupting Output Signals**

The PX750-SMART-KIT is the most economical way to obtain the benefits of "smart" electronics. The Smart electronics is a single board that is backward compatible with the installed base of PX750 transmitters with ranges from 5 inH<sub>2</sub>O to 6000 psi. The retrofit kit allows remote communications, reranging and self diagnostics. A retrofitted transmitter features integral zero and span buttons for convenient reranging at the transmitter site. The electronics are also capable of linear and square root outputs which are software selectable. Failure alarm mode, adjustable damping, and transmitter security features

are also standard. The retrofitted PX750 communicates with the HART communicator and any other hosts implementing the HART communications protocol.

The PX750-SMART-KIT is easy to install, 5 easy steps convert your analog transmitter to a smart transmitter. The kit contains everything needed to convert a PX750 analog transmitter into a HART® ready "smart" transducer. Included is the smart electronics package, circuit board spaces, terminal eyelets, standoffs, cover and cover O-ring.

### SPECIFICATIONS

**Power Supply:** 12 to 45 Vdc  
max load = 43.5 x (Supply volts -12)

**Rangeability:** 15:1

**Output:** 4 to 20 mA, user selectable linear or square root; digital signal superimposed on 4-20 mA signal available to HART® protocol devices

### To Order

TYPE	MODEL NO.	COMPATIBLE MODELS
Differential or Gage Pressure	PX750-SMART KIT	PX750-xxxGI, PX750-xxxDI PX750-xxxHDI, PX750-06DI

*Kit includes all necessary parts plus complete operator's manual.*

**Ordering Example:** To convert a PX750-30DI analog transmitter to a smart transmitter, order **PX750-SMART-KIT**.