

## Plug-on DIT - Indicator & Transmitter

### INTRODUCTION

NK Instruments Pvt. Ltd. has Plug-on DIT is a microprocessor based loop powered Digital Process Indicator. It does not require its own separate voltage source as it is supplied directly from the measuring current loop.

The measured value is displayed on a 4-digit red colored LED with a wide max. Display range of -1999 to +9999 digits. The operating range of the display device can be directly adjusted to the transmitter without any accessories being required. Simply enter the maximum and minimum measuring range limits and the decimal point position.

The Plug-on display DIT is fit for all of the transmitters and converters with 4 ~ 20mA 2-wire technique. 16-bit ADC MCU inside, allows customer to use the two buttons, to program the zero point, span, decimal point, damping and alarm point etc. Over or under range are displayed as a message. The integrated smart diagnostic system continuously monitors all device function. The programmed parameters are stored in an EEPROM to be restored in case of a power failure. The Plug-on display is simply plugged in between connector and socket; it is then ready for operation. The plug-on display is powered by the current loop of the 4 ~ 20 mA signal transmitter. No additional auxiliary power is required. The plug-on display can be rotated in 90 steps; it can thus be adapted to different mounting positions.



Plug-on DIT Installed on Pressure & Temperature Transmitters

## FEATURES

1. 2-wire transmitter, no additional power supply required, just as traditional LED display.
2. Scale easily adjustable to transmitter range.
3. Option: with backlight, can be visible in the dark environment.
4. 16-bit ADC MCU inside.
5. Display range of -1.9.9.9. ~ 9.9.9.9. LCD digits.
6. LED can work at 3mA.
7. Two OPTO switch outputs. (Optional)
8. Low circuit voltage drop.

## ORDERING DETAILS

TYPE			DISCRIPTION
PRODUCT	DIT		Loop Power Indicator for Transmitter Input
TRANSMITTER OUTPUT		D	4~20 mA DC
ALARM		N	NO ALARM
		1	1- ALARM
		2	2 - ALARM
ACCESSORIES		N	NONE
		Y	SCREW & PACKING GASKET

Authorised Dealer



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