

# SIER ELECTRONICS CO., LTD

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## SPT-LED/LCD Operation Manual

### Features

- Reliable performance, easy application
- Easy calibration
- LCD displayer with 4 digits
- Different units optional(7 options)



### Introduction

SPT21D is piezo -resistive pressure transmitter, with LCD/LED indicator for real time monitoring. The displayer can be used on pressure/differential pressure or temperature transmitters which is using 4~20mA output signal.

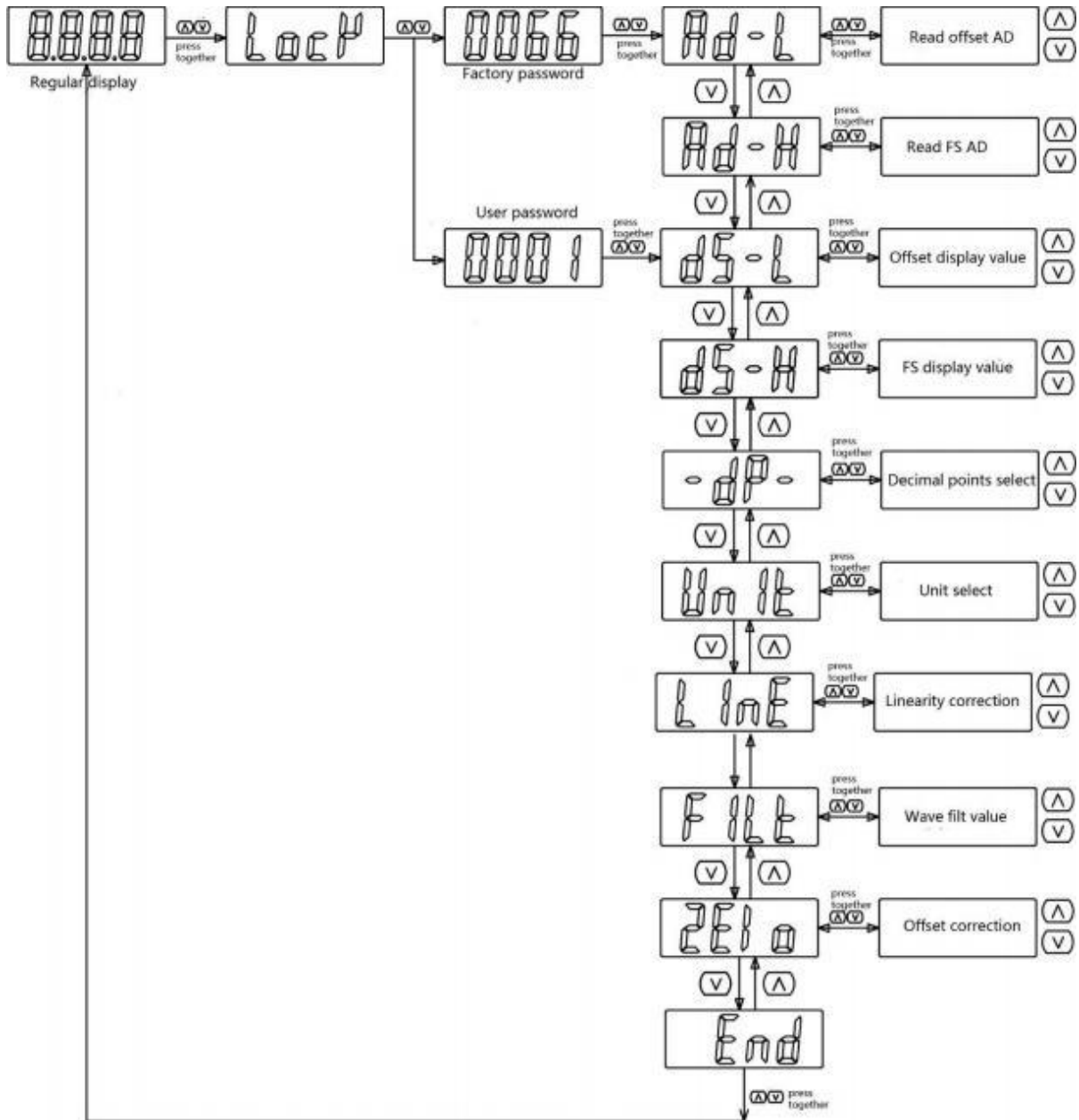
### Specification

- Operation temperature: -30~70℃
- Connection: DIN connectors
- Display range: -1999~9999
- Temperature drift: < 30ppm
- Wrong wiring protection: YES
- Sampling rates: max.10/s min.1.8/s, optional
- Display accuracy: 0.1%
- Connection: 1+ 2-

### Parameters Setting Procedure

- The calibration password is 66, it is only for factory setting, not for user setting
- AD-L means AD value at offset
- AD-H means AD value at full scale
- DS-L means offset display value setting
- DS-H means full scale display value setting
- DP means decimal point setting
- Unit means unit selection: Mpa, kPa, bar, psi, °C
- LINE means none linearity correction
- FILT means wave filter, if the value is bigger, the displayed value will be more stable. 0 - 9 optional

➤ Setting procedure:



**Note:**

1. This displayer is using 4-20mA current signal, please do not use voltage signal to test. The input current has to be within the input range of displayer.
2. We provide free repair or replacement service within 1 year for faulty caused by quality problem.