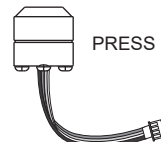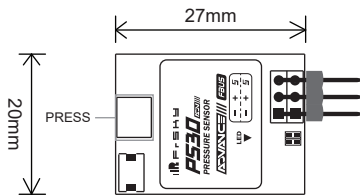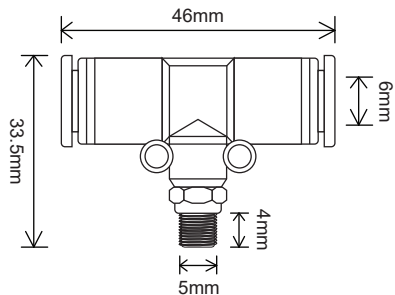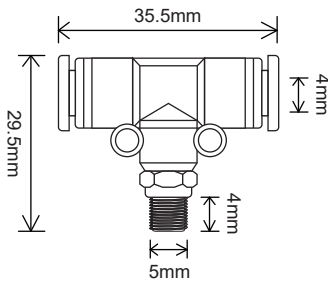## Introduction

Thank you for purchasing FrSky Pressure Sensor - PS30 ADV. It is designed for FrSky Smart Port enabled system, and can measure pressure. In order to fully enjoy the benefit of it, please read the instruction manual carefully and set up the device as described below.

> **Note: All instructions, warranties and other collateral documents are subject to change at the sole discretion of FrSky Electronic Co., Ltd. For further information, please visit www.frsky-rc.com and click the support tab for this product.**

## Overview



27mm
20mm
PRESS

PRESS

**Measured Range:**
0~30 Bar (435 psi)
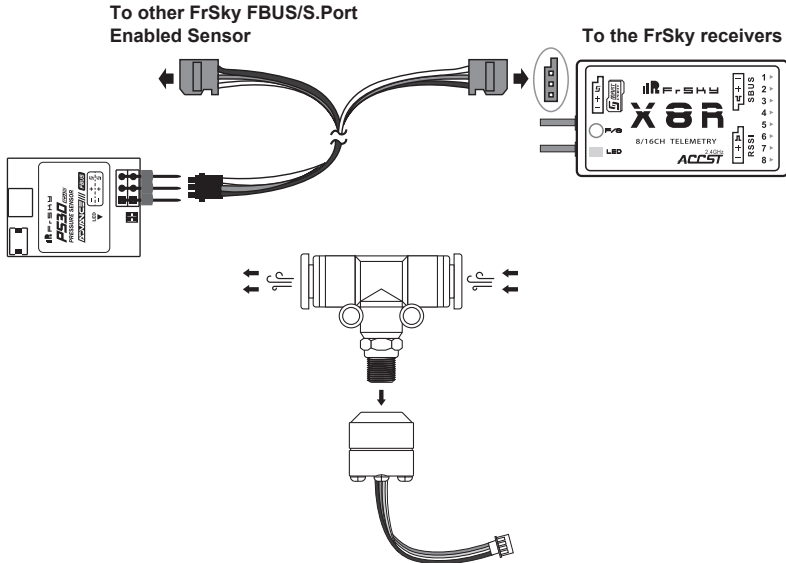
35.5mm
29.5mm
4mm
4mm
5mm

46mm
33.5mm
6mm
4mm
5mm

## Specifications

- Dimension: 37*20*7mm (L×W×H)
- Weight: 2.9g
- Operating voltage: 4-10V
- Current drain: 5mA@5V
- Pressure measurement
  - Measurement range: 0~30 Bar (435 psi)
  - Overpressure: 50 Bar
- Safety pressure (T-Connector): 15Bar
- Compatible with FBUS/S.Port protocol

## Set Up

Pressure sensor - PS30 ADV is compatible with FrSky Smart Port enabled receivers. Other FrSky S.Port enabled sensors include new Smart Port enabled Variometer Sensor, GPS Sensor, RPM Sensor, Airspeed Sensor, and so on. For more details, please refer to the corresponding receiver instruction manual.All sensors could daisy chain with each other through their Smart Port.The ID number of the device could be changed by Free Link (Windows/android/ios).

**To other FrSky FBUS/S.Port Enabled Sensor**

**To the FrSky receivers**

**Connect the T-Connector to the pressure measuring head.**

> **Warning:  1. Do not disassemble the pressure measuring head!**
> **2. Keep the circuit board away from water, vibration, or fuel.**

## LED Status

Connect the output Port of the sensor to the receiver, select S.Port/FBUS on the receiver setup screen, the sensor will automatically recognize.

| LED Status | S.Port | FBUS |
|---|---|---|
| Flash slowly | YES | NO |
| Flash quickly | NO | YES |