



## Ordering code

Part No.	I/O	Communication		Analog output
		RS485	RS232	-5-5V/-10-10V/ 0-5V/0-10V/ 0-20mA/4-20mA
FPTA	√	√		
FPTB	√		√	
FPTC	√	√		√
FPTD	√		√	√

Note: Analog output is settable

ADC	24 bit Sigma-Delta
Dimensions	105*57*91.5(mm) (Panel cutout:93*46mm)
Display	6 digit LED
Power supply	24V DC±5%
Power consumption	<10W
Excitation for load cell	5V DC 200mA(Max)
Load cell connection	4-wire or 6-wire
Input sensitivity	≤3mV/V
Display range	-99999...999999
Non-linearity	<0.01% F.S.
Input sensitivity	1μV/d
Conversion rate	120/480/960Hz(Settable)
Gain drifting	<10PPM/°C
Working temp.	-10...40°C
Relative humidity	<90% R.H (Without dew)
I/O	1 input
	2 outputs
Serial communication	RS485 or RS232 (Modbus RTU)
Analog output	-5-5V,-10-10V,0-5V,0-10V,4-20mA,0-20mA,Self-define
Other functions	Auto zero tracking
	Peak holding
Housing	Aluminum
Net weight	About 320g

[Contact us for user manual](#)

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# FAQ

**Q: What is the unit for the displayed value ?**

A: FPT doesn't display unit, the displayed value can be g/kg/N/kN/lb/Nm/lb\*in.....depending on the setting during calibration.

**Q: Besides the indicator and sensor, what else do we need to get the system work ?**

A: You need to prepare:

Item 1---24V DC power supply for the indicator.

Item 2---2-core power cable to connect the indicator with the power supply.

Item 3---Slotted screwdriver for wiring.

**Q: Do you provide calibration service ?**

A: If you buy sensors and indicators together from us, we'll get them calibrated before shipping.

**Q: How to do the calibration by ourself ? Is it difficult to operate ?**

A: Contact us for the user manual in which you can find the calibration procedures.

The difficult part of calibration is to apply a known force (50~80% of the sensor's capacity is recommended) to the sensor.

**Q: How do I know whether FPT is compatible with the load cell we're using ?**

A: Send the datasheet of the load cell to [sales@forsentek.com](mailto:sales@forsentek.com) for checking.

**Q: Can FPT work with multiple load cells ?**

A: Yes, a junction box will be needed for multiple sensors.