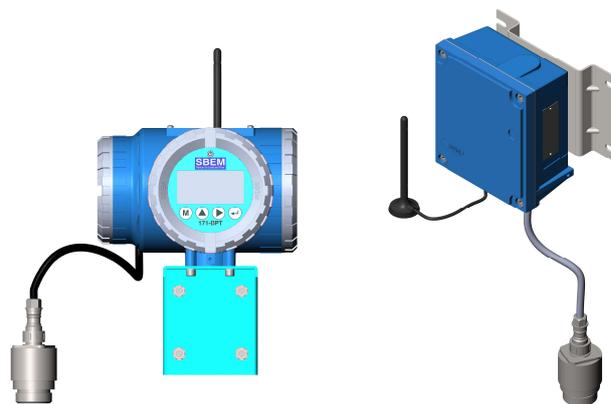


## INTRODUCTION

171 BPT is the battery powered pressure Transmitter is a device used to measure and transmit pressure readings in various applications. It is available in with and without display versions. These transmitters are powered by battery, typically lithium batteries. The battery provides the necessary power to operate the transmitter and transmit pressure readings which is capable of working 2-4 years continuously. Stainless steel housing is applied to 171 BPT to meet IP68-level sealing protection requirement. 171 BPT are designed to measure pressure in different units, such as Kg/cm<sup>2</sup>, bar or pascal. They utilize pressure sensors or transducers to convert the applied pressure into an electrical signal.



With Display

Without Display

## FEATURES

- Reliable Performance, Easy Application
- Alarm function
- Datalogging & Storage
- User Friendly Interface

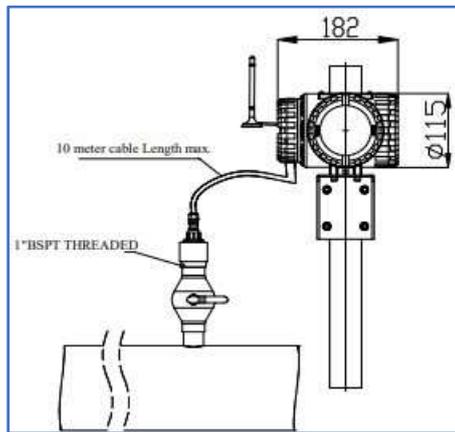
## AREAS OF APPLICATIONS

- Drinking Water Approval
- Water Treatment Plant (WTP)
- Waste Water Management

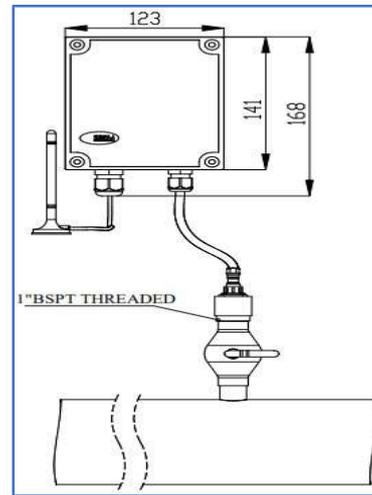
## SPECIFICATIONS

Parameter Name	Parameter Description
Sensor Type	Absolute Type Sensor and Sealed Gauge Type Sensor
Pressure Ranges	1 bar, 2 bar, 4 bar, 6 bar, 10 bar, 16 bar, 20 bar, 24 bar 1 kg/cm <sup>2</sup> , 2 kg/cm <sup>2</sup> , 4 kg/cm <sup>2</sup> , 6 Kg/m <sup>2</sup> , 10 kg/cm <sup>2</sup> , 16 kg/cm <sup>2</sup> , 20 Kg/cm <sup>2</sup> , 24 Kg/cm <sup>2</sup>
Pressure Units	Bar / Kg/cm <sup>2</sup>
Display Version	With Display or Without Display
Display Parameter	Pressure (Only for Display Device)
Communication Output	4G GSM / GPRS
Protocols Supported	TCP / IP / UDP / MQTT
Data logging	Available
Accuracy	<±0.5%ofspan
Pressure Response time	80mS
Connector Type	Five Pin Allied Connector (IP68)at Converter End, Four Pin Nylon Connector (IP68) at Sensor End
Transducer Output	10mV /vat full scale
Process Connection	1"BSPT Male Threaded
Ingress Protection (Sensor)	IP68
Sensor Housing Material	Stainless Steel SS316L
Transmitter Housing Material	Aluminum
Process temperature range	0 to 50°C
Cable Length	10meter, 05meter
Converter Mounting Arrangement	Wall Mounting, Channel Mounting

## MECHANICAL DIMENSIONS

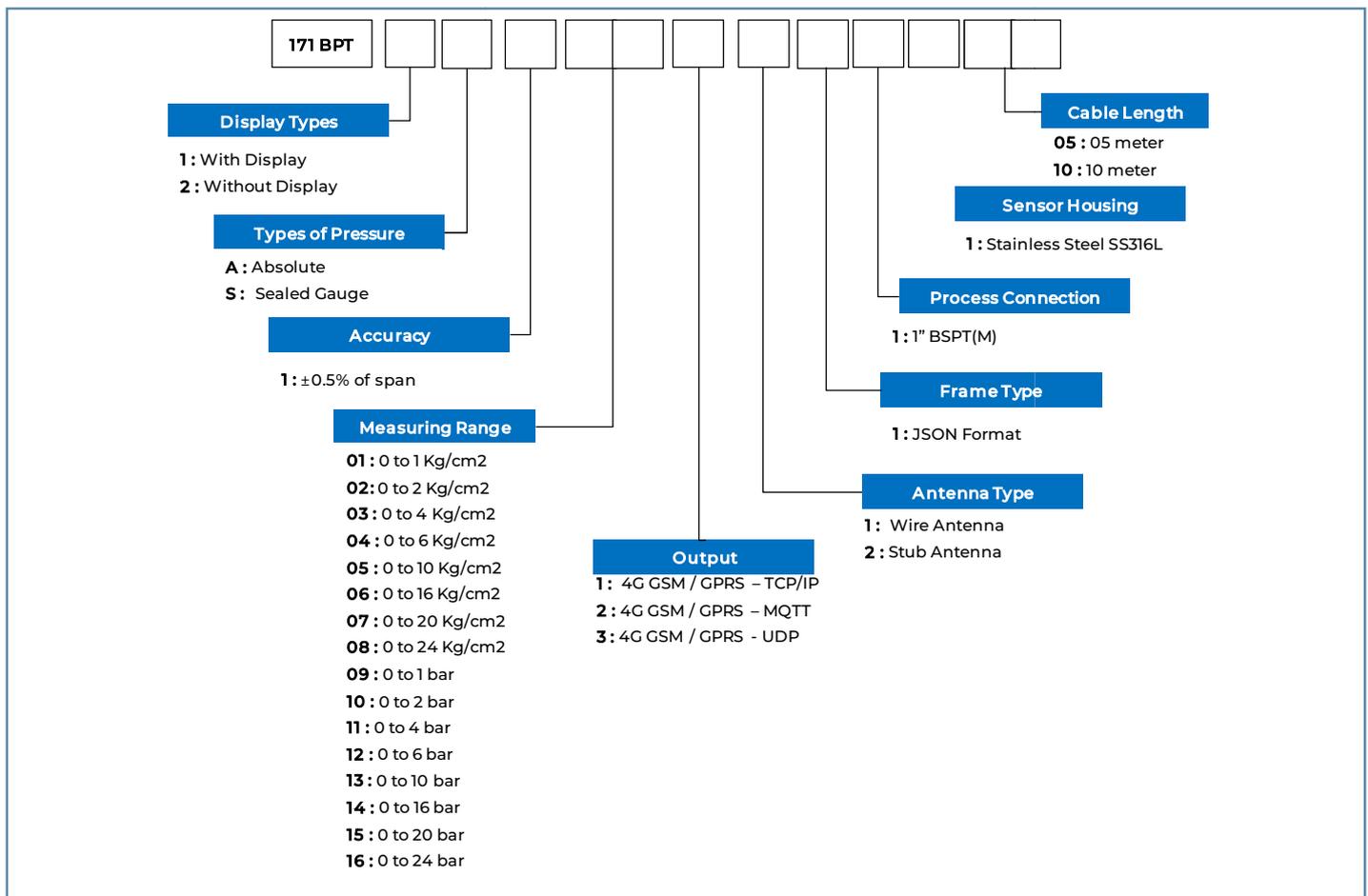


With Display



Without Display

## ORDERING CODE



### NOTES:

#Continuous development may necessitate changes without notice.

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