



# DATAssure™ D3

## Dual Input Wireless Transmitter

FTEP2-WS103-0433

**For use with the DATAssure™ D3 family of wireless base stations.  
Compatible with a range of Intelligent Digital Sensors (supplied separately).**

Designed to work with DATAssure™ D3 wireless base stations and is compatible with a full range of DATAssure™ D3 Intelligent sensors. Long range secure communication protocols using licence free 433 Mhz radio frequency. Two sensor inputs on separate channels. Bi directional wireless communications with the base station allows for communication status reporting. Can be used in environments where wash down is required. The screw top battery compartment allows for users to easily replace the transmitter battery.

### Technical Specification

#### Transmission

Frequency:	1 minute
RF Frequency:	433 Mhz
RF Range:	1 km open space (250 m typical) Extenders available to boost range.
Status LED:	Provides communication status.

Weight:	77 g
IP Rating:	IP67
Connector:	2 x 3 pin female Hirose
Operating Temperature:	-20 °C to +55 °C
Battery Life:	>5 years in normal operation
Battery Type:	3.6 V lithium.
Mounting:	Integral magnetic strip or optional mounting bracket.

### Compatible FTEP3-DS Intelligent Digital Sensors

Part No.	Description
FTEP3-DS300-HR	External NTC 5K Stub Probe, (-20 °C to +40 °C)
FTEP3-DS301-HR	External NTC 5K Probe, 1.5 M FEP Cable (-50 °C to +70 °C)
FTEP3-DS302-HR	External NTC 5K Probe, 4 M FEP Cable (-50 °C to +70 °C)
FTEP3-DS320-HR	External NTC 5K Probe, 1.5 M Arctic Cable (-50 °C to +70 °C)
FTEP3-DS321-HR	External NTC 5K Probe, 4 M Arctic Cable (-50 °C to +70 °C)
FTEP3-DS303-HR	External PT100 High Accuracy Temperature Probe (-30 °C to +70 °C)
FTEP3-DS304-HR	External PT100 Ribbon Temperature Probe (-20 °C to +100 °C)
FTEP3-DS305-HR	External PT100 Ribbon Surface Temperature Probe (-20 °C to +100 °C)
FTEP3-DS306-HR	External PT1000 Standard Temperature Probe 1.5m FEP Cable (-45 °C to +100 °C)
FTEP3-DS307-HR	External PT1000 Standard Temperature Probe 4m FEP Cable (-45 °C to +100 °C)
FTEP3-DS322-HR	External PT1000 Standard Temperature Probe 1.5m Arctic Cable (-45 °C to +100 °C)
FTEP3-DS323-HR	External PT1000 Standard Temperature Probe 4m Arctic Cable (-45 °C to +100 °C)

Part No.	Description
FTEP3-DS308-HR	External PT1000 Extended Range Temperature Probe (-100 °C to +200 °C)
FTEP3-DS309-HR	External PT1000 Temperature Probe, 1500 mm Flexible Sensor Housing (-200 °C to +200 °C)
FTEP3-DS310-HR	External PT1000 Temperature Probe, 370 mm Stiff Sensor Housing (-200 °C to +200 °C)
FTEP3-DS311-HR	Humidity Sensor (5 %RH to 100 %RH)
FTEP3-DS312-HR	0-25 mA Signal Input Sensor
FTEP3-DS313-HR	0-200 mV Signal Input Sensor
FTEP3-DS314-HR	0-2V Signal Input Sensor
FTEP3-DS315-HR	0-5V Signal Input Sensor
FTEP3-DS316-HR	0-10V Signal Input Sensor
FTEP3-DS317-HR	0-10K Ω Signal Input Sensor
FTEP3-DS318-HR	Pulse Counting Sensor (Without Meter)
FTEP3-DS319-HR	Digital Input Sensor (Volt Free)

### Compatible Accessories

FTEP7-SA1001	Wireless Transmitter Fixing Bracket
FTEP7-SA1002	Wireless Transmitter Replacement Battery (Li 3.6V)
FTEP7-SA1010	Intelligent Sensor Extension Cable - 4 meter

Ci064/V2

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