



# DATAssure™ D3

## Single Input Wireless Transmitter

FTEP2-WS102-0433

**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. 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		Weight:	73 g
Frequency:	1 minute	IP Rating:	IP67
RF Frequency:	433 Mhz	Connector:	1 x 3 pin female Hirose
RF Range:	1 km open space (250 m typical) Extenders available to boost range.	Operating Temperature:	-20 °C to +55 °C
Status LED:	Provides communication status.	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	Part No.	Description
FTEP3-DS300-HR	External NTC 5K Stub Probe, (-20 °C to +40 °C)	FTEP3-DS308-HR	External PT1000 Extended Range Temperature Probe (-100 °C to +200 °C)
FTEP3-DS301-HR	External NTC 5K Probe, 1.5M FEP Cable (-50 °C to +70 °C)	FTEP3-DS309-HR	External PT1000 Temperature Probe, 1500mm Flexible Sensor Housing (-200 °C to 200 °C)
FTEP3-DS302-HR	External NTC 5K Probe, 4M FEP Cable (-50 °C to +70 °C)	FTEP3-DS310-HR	External PT1000 Temperature Probe, 370mm Stiff Sensor Housing (-200 °C to 200 °C)
FTEP3-DS320-HR	External NTC 5K Probe, 1.5M Arctic Cable (-50 °C to +70 °C)	FTEP3-DS311-HR	Humidity Sensor (5 %RH to 100 %RH)
FTEP3-DS321-HR	External NTC 5K Probe, 4M Arctic Cable (-50 °C to +70 °C)	FTEP3-DS312-HR	0-25 mA Signal Input Sensor
FTEP3-DS303-HR	External PT100 High Accuracy Temperature Probe (-30 °C to +70 °C)	FTEP3-DS313-HR	0-200 mV Signal Input Sensor
FTEP3-DS304-HR	External PT100 Ribbon Temperature Probe (-20 °C to 100 °C)	FTEP3-DS314-HR	0-2 V Signal Input Sensor
FTEP3-DS305-HR	External PT100 Ribbon Surface Temperature Probe (-20 °C to 100 °C)	FTEP3-DS315-HR	0-5 V Signal Input Sensor
FTEP3-DS306-HR	External PT1000 Standard Temperature Probe 1.5m FEP Cable (-45 °C to 100 °C)	FTEP3-DS316-HR	0-10 V Signal Input Sensor
FTEP3-DS307-HR	External PT1000 Standard Temperature Probe 4m FEP Cable (-45 °C to 100 °C)	FTEP3-DS317-HR	0-10 K Ω Signal Input Sensor
FTEP3-DS322-HR	External PT1000 Standard Temperature Probe 1.5m Arctic Cable (-45 °C to 100 °C)	FTEP3-DS318-HR	Pulse Counting Sensor (Without Meter)
FTEP3-DS323-HR	External PT1000 Standard Temperature Probe 4m Arctic Cable (-45 °C to 100 °C)	FTEP3-DS319-HR	Digital Input Sensor (Volt Free)

### Compatible Accessories

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

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