

IN-DP-62 Transmitter-Sensor

IceSpy - Transmitter-Sensor +/- 62PA

A flexible and reliable multi-purpose analogue transmitter-sensor within the Hanwell IceSpy series for monitoring differential pressure.

Features

- ✓ Superior hardware performance with highly accurate sensors
- ✓ Waterproof (relates to Hanwell IceSpy transmitter, probes used with the transmitter may vary).
- ✓ All transmitters incorporate a wall bracket
- ✓ Easily accessible battery for user replacement, if required
- ✓ Low power radio for long distance transmission
- ✓ Up to 1.5 year battery life
- ✓ Complies with UKCA, RoHS, EU directives and WEEE
- ✓ Carries CE Marking

Typical Applications

- Comprehensive measurement options for multiple applications across food, healthcare and pharmaceutical industries



Compatible with
Hanwell EMS



Carbon
Dioxide



Differential
Pressure



Airflow

Product code: IN-DP-62

Instrumentation specification

Dimension (Excl. ancillaries)	130 x 65 x 35mm (40mm including mounting bracket) 5.12 x 2.56 x 1.38 inches (1.57 inches including mounting bracket)
Weight	150g (5.29 Ounces) (including battery)
Power supply	1 x 1.5V AA Lithium battery
Case material	ABS
Memory capacity	On board logging capability for 5 days
Input type	2 Channels 4-20mA
Resolution	12 BIT
Transmitter accuracy	+/-0.15%
Sensor accuracy	+/-1%
Total unit accuracy	+/-1.15%
Transmitter unit measurement range	+/-62Pa
Sensor drift	<0.25% full scale/year

Accessories

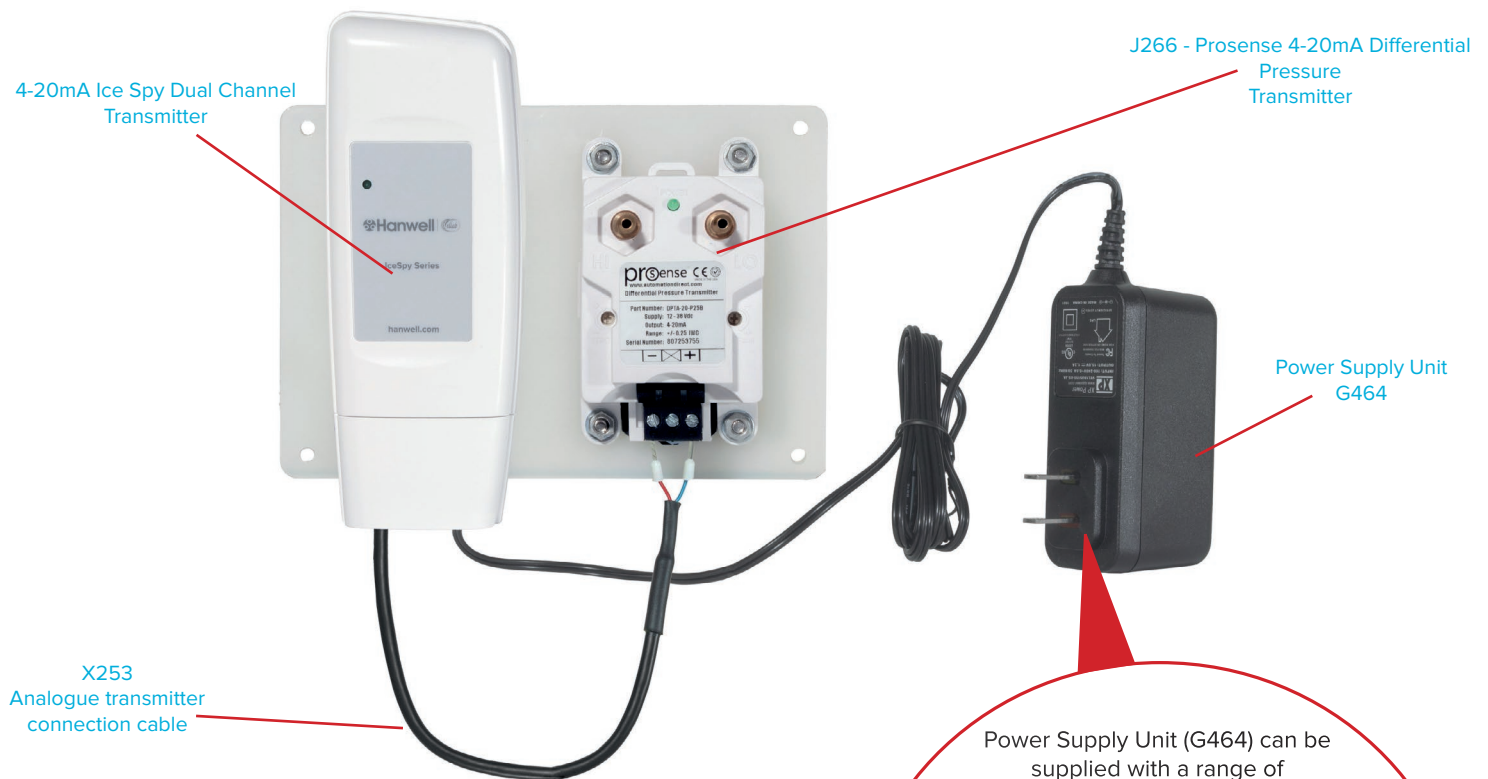
G301	AA 1.5V Lithium Battery
G301-4	AA 1.5V Lithium Battery pack of 4

Radio transmitter functions

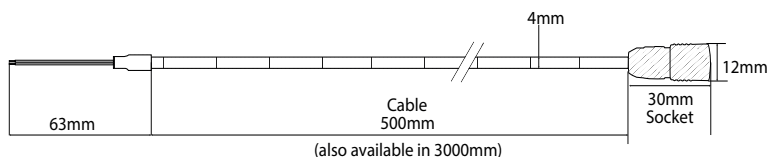
Radio frequency	900 MHz Band USA and Canada 433-434MHz Band Rest of the World
Radio power	Max 10mW, duty cycle <0.1%
Radio range	300m over open ground
Battery Life (Transmitter only)	Up to 1.5 years (dependent on use)
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options EMS - All versions IN-NR001F1 - Hanwell IceSpy Network Receiver (Rest of the World) IN-NR001F2 - Hanwell IceSpy Network Receiver (USA and Canada)
Hardware required	IN-RP002F1 - Hanwell IceSpy Repeater (Rest of the World) IN-RP002F2 - Hanwell IceSpy Repeater (USA and Canada) (Repeater only required in special circumstances which would be discussed with you following your Signal Strength test)
Probe supplied	J266 - Prosense 4-20mA Differential Pressure Transmitter



IN-DP-62 as installed



X253 Analogue transmitter connection cable



Power Supply Unit (G464) can be supplied with a range of interchangeable plug combinations for different regions



IN-DP-62 installation schematic

