

IS05 GPRS Transmitter







Part of the iSense range, the IS05-BN is a GPRS transmitter for use with high accuracy temperature and humidity sensor. GPRS transmitters include embedded Chip SIM and preconfigured to point at the Hanwell data routing service.

Features

- √ Data and time stamped monitoring
- √ Superior performance hardware & high accuracy sensors
- √ Transmit rate increases during an event*
- √ Completely self-contained (battery operated)
- ✓ Remote setup options
- √ Data stored in non-volatile memory
- All data recovered in the event of temporary GPRS coverage problems
- Easy to understand journey profile information
- √ Carries CE Marking
- * If send interval is less than 2 hours. Otherwise, unit will transmit at the normal transmit interval.

Typical Applications

- Remote locations
- Cold-Chain Distribution

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	Pro ISense
®	hanwell.com

Instrumentation specification		
Dimension (Excl. ancillaries)	180 x 120 x 63mm	
Weight	600 grams	
Power supply	2 x 1.5V Alkaline C cells or 2 x Lithium C size bobbin cell Or: 12V external power supply, 0.5A fuse protected Or: Vehicle 24V external power supply, 0.5A fuse protected	
Battery Life	Up to 5 years for Alkaline batteries and Lithium batteries (based on one message a day, per 6 measurements daily, no events enabled)	
Case material	Polycarbonate	
Memory capacity	Up to 400K readings	
Instrument measuring range	-40°C to +60°C	
Instrument Operating range	Battery pack: Alkaline 0°C to +55°C Lithium -10°C to +55°C External supply: -30°C to +55°C	
Storage temperature	-40°C to +80°C (without battery)	
IP rating	IP67	

Product code: IS05-BN

Accessories	
88702	1.5V Alkaline C cell battery
88704	3.6V Lithium C cell battery
G422	12VDC power supply
Probe options	Please refer to the Hanwell Prosensor datasheet for J115 RH/T sensor specification

GPRS transmitter functions		
Network compatibility	For use on GSM/GPRS networks at 850MHz to 1900MHz bands for worldwide use.	
Aerial Connection	SMA connector jack, female socket 50 Ohms	
Aerial Type	Stubby straight/right angle and remote mount on 2 metre cable	
Software included	Install disk - software required (below)	
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options	

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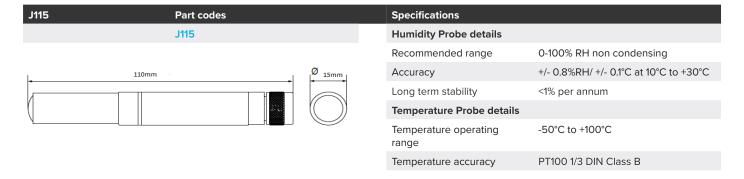


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RH/T Probes cont'd



Extension cables	Part codes	Specifications
2 metre cable	Y527	Temperature Operating -50°C to +100°C
5 metre	Y528	range