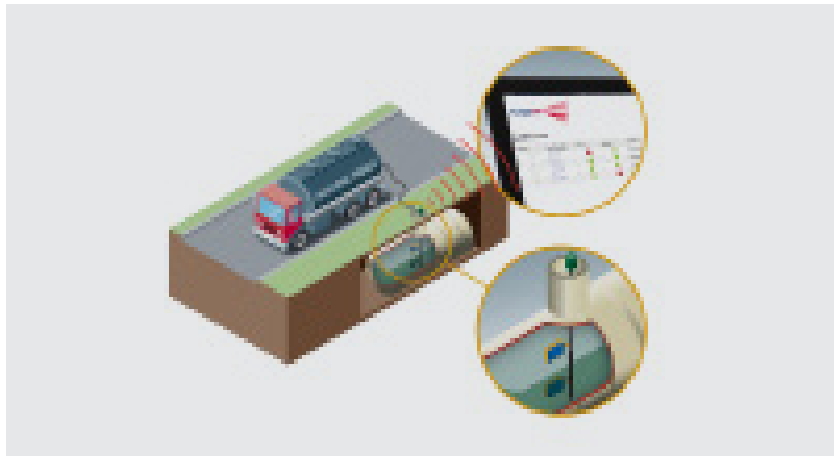


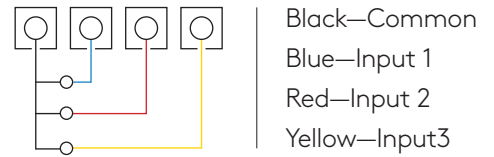
# Smartserv Asset Servicing & Monitoring



# Smartserv Condition Monitor

## 3 Volt-Free Alarm Contacts

### Wiring and connect format



Characteristic	Transmitter
Dimensions	101mm (W) x 93mm (L) x 150mm (H) ±1mm
Weight	520g (including batteries)
Housing Material	UV Stabilized Polypropylene
Operating temperature	-10°C to 50°C
Storage Temperature	-25°C to 60°C
Altitude range	<2Km above sea level
Environmental Protection IP67	-Outdoors
Radio frequency	Tri-Band GSM/GPRS (Quad band available)
Power requirements	4 of Type C LR14 Alkaline 1.5V (fitted)
Battery life	> 3 Years
Humidity range	15% - 95%
Alarm input contact	3 x NC/NO Configurable Alarm Inputs

#### External Antenna Specification (Optional)

Operating Temperature	-40 to +85C
Impedance	50 ohm
Gain	2.15dB
VSWR	<2:1
Polarization	Vertical
Protection	IP65 Rated
Operating Frequencies	850, 900, 1800, 1900MHZ (Quad Band GSM/GPRS) 2.1GHz (3G)
Dimensions	Diameter: 94mm Height: 18mm
Mounting Specifications	Cable: RG174 Mounting Method :Through Hole

#### Conformity

- Meets the intent of Directive 2004/108/EC for Electromagnetic compatibility and the Low Voltage Directive
- 2006/95/EC for product safety and the R&TTE directive 1999/5/EC for radio. Compliance was demonstrated to the following specifications as listed in the official journal of the European Communities. EN 55022,A1,A2 Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
- EN 61000 Electromagnetic compatibility
- EN 55011 Industrial, scientific and medical (ISM) radio-frequency equipment
- EN 60335-1 Safety of household and similar appliances
- EN 300 220-3 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range
- Devices (SRD);
- ETSI EN 301 489-3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic
- Compatibility (EMC)
- RoHs Compliance Yes

For more information on any of our products:

T: 0333 240 6868 E: [helpingyou@kingspan.com](mailto:helpingyou@kingspan.com)  
[kingspanservice.com](http://kingspanservice.com)

