



Drawings not to scale
All dimensions in mm

SPECIFICATION

- User adjustment of delay time
- User adjustment for range (body integral)
- Housing to IP67
- Switch status LED
- Synchronisation option
- Output type options
- CE conformity to en 50082-2 and en 50081-2
- Detection of small poorly reflecting objects
- Distance measurement unaffected by target material
- Small compact design

Voltage supply range 12 - 24Vdc
 Input protected against power reversal
 Current consumption 40ma (standing with no load)
 Scanning range 100 - 550mm
 Response distance adjustable with 1 turn potentiometer
 Switching point adjustable from 100 - 500mm
 Time delay adjustable from 0.2 - 7 sec
 Resolution (typical) ± 1.6 mm
 Blind range 100mm
 Detection sensitivity 100% at 24v 80 - 90% at 15v supply voltage
 Carrier frequency 175kHz
 Switched outputs are open collector (PNP) 100mA, short circuit proof
 Mounting is by 18mm thread or by 2 x M4 screws
 Working temperature -15 Deg - +60 Deg (no ice)
 Humidity up to 99% rh, no icing
 Weight 100 gr
 Cable 1.5m long, 4 core cable or 4 pole connector

ULTRASONIC SENSORS

PART NUMBER
UPX500PVPS24

Rev. No.	Revision Note	Date	Signature
A	Provisional	1-5-98	RG



BS5750/ISO 9000
Reg. No. FM 21080