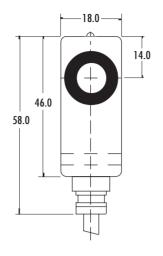
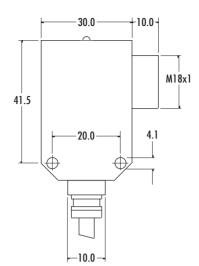
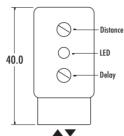
## **ASSEMtech Europe Ltd**

## PRODUCT DATA SHEET







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)  $\pm 1.6$ 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



As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and details of our full design and manufacturing service. All products are supplied to our standard conditions of sale otherwise agreed in writing.