

2060 BIN/TANK LEVEL SENSOR KIT

INSTALLATION INSTRUCTIONS

AM-2060



COMPONENT LIST

PART No.	DESCRIPTION	QTY
A-2220P	LEVEL SENSOR (PACKARD)	1
AC-305	3 WAY 5m EXT CONNECTION CABLE	1
AH-400	PACKARD CABLE BRACKET	1

GENERAL INFORMATION

The 2060 Bin / Tank Level Sensor will detect low or full level for both solid and liquid materials.

The sensor will activate on dense materials such as seed, fertiliser or liquid but is unlikely to work on light materials such as cotton or chopped chaff.

Build up of dust or fertiliser on the sensor will not cause it to activate.

INSTALLATION

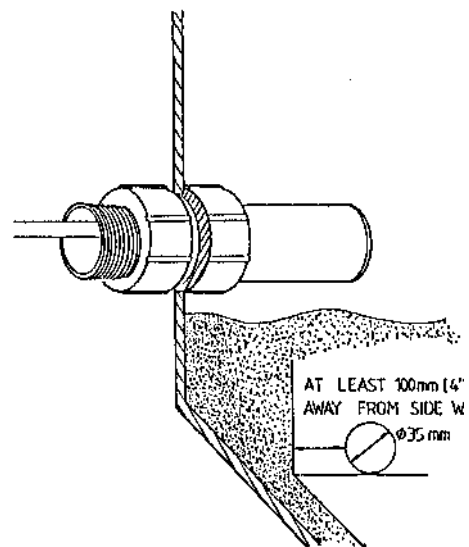
Install the sensor through the bin or tank wall by cutting a 35mm clearance hole.

The sensor must be at least 100mm (4 inches) away from any adjacent side wall.

For "FULL" bin operation, install the sensor at the top of the bin as required.

For "EMPTY" bin operation, install the sensor at the bottom of the bin.

NOTE: Some bins empty from one side first, so it pays to observe the unloading characteristic before making any holes.



WIRING

Extension cables are available in 5m lengths to provide a breakaway connection or extend standard sensor cable.

OPTIONAL : AC - 305 3 WAY 5 METRE SENSOR CABLE

2200 CONNECTION GUIDE

Connect the level sensor wiring to **Port 1** or **Port 2** of the 2200 Surveillance Monitor as follows:

WIRE COLOUR	FUNCTION		2200 CONNECTION
RED	+ 12 VOLTS	TO	PIN 8
BLACK	- NEGATIVE	TO	PIN 7 or 9
WHITE	SIGNAL	TO	PIN 1 or 2

JACKAL CONNECTION GUIDE

JACKAL VERSION 1

Jackal selected inputs are :

Input 9 : A6
 Input 10 : A5
 Input 11 : A4
 Input 12 : A3

A1 Black Wire (Ground)
 B9 (OUT2) Red Wire (+12v)
 A3-A6 White Wire (Signal)

JACKAL VERSION 2

Jackal selected inputs are :

Input 2 : B2 Input 3 : B3
 Input 4 : B4 Input 5 : B5
 Input 6 : B6 Input 9 : A6
 Input 10 : A5 Input 11 : A4
 Input 12 : A3 Input 13 : A2

A1 Black Wire (Ground)
 B9 (OUT2) Red Wire (+12v)
 As above White Wire (Signal)

Once the port is enabled you can select ON/OFF or HIGH LOW

NB : *DO NOT PIGGY BACK WHITE SIGNAL WIRES INTO SAME PORT*