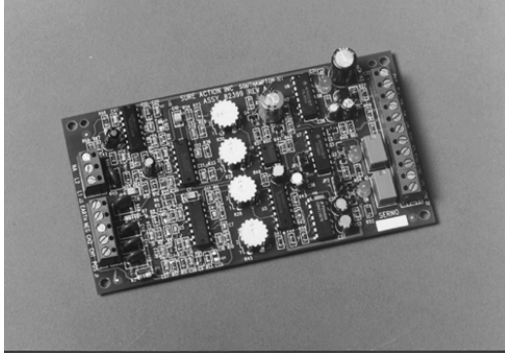




Directional Probe System

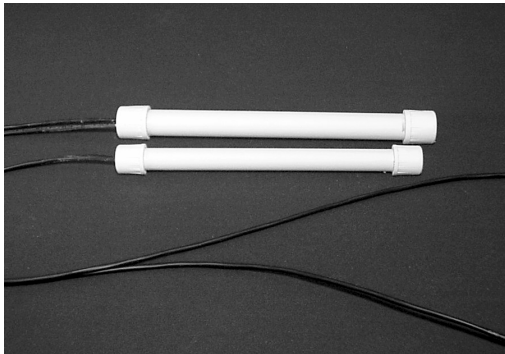


212 Processor

The *Directional Probe system* leads the industry in versatility. Not only is this probe simple to install, it **can tell the direction a vehicle is travelling**.

There are two outputs on the 212 processor: an “in” and “out” relay. Each of these relays can be used to perform different functions. For example, an installer can use the “in” relay to sound a chime and turn lights on and the “out” relay to open a free access gate.

It is *designed* to be *installed alongside a 14' wide driveway*; however, the probes can be buried underneath the driveway in a plastic pipe. Call for specific part number.



P8000 Directional Probe

The probe system can have **up to a mile of wire and can detect a car going as slow as .5 mph**. It is important to note that the longer the wire run, the more susceptible any probe is to lightning strikes. To virtually *eliminate difficulties due to lightning*, our 212 processor has built-in lightning surge suppression. In addition, a *third P500 series* probe can be attached to the system. When this probe is added, it *acts as a lightning check* for the probe system. If lightning strikes and triggers the system, it will also trigger the third probe. When the system receives a signal from that probe as well as the others, it will not respond. For example, this feature will virtually eliminate incidents where the lights outside turn on during a storm, but no vehicle has come up the driveway.

The P8000 probe has two probe ends connected by 8 feet of burial cable. If an application requires the probe ends to be further apart, use two P5050 probes instead.

Frequently Asked Questions

1. Will deer set off the probe? No, probes respond to ferrous metal only and are not triggered by people or animals.
2. What happens if the burial cable gets damaged? The burial cable can be spliced numerous times without causing any degradation to the signal.
3. Can I install the wire now and the probe later? Yes, the P8000 directional probe system is ideal for that kind of situation, particularly property under construction.



Two P5050 Standard Probes

How to Order

Required Parts:

212 Processor
P8000 Probe or two P5050 Probes
22/4 Shielded Burial Cable
Recommended Wire
4SW250 - 250 ft. reel 22/4 Shielded Burial Cable
4SW500 - 500 ft. reel 22/4 Shielded Burial Cable
4 SW1000 - 1000 ft. reel 22/4 Shielded Burial Cable

Optional Parts:

TM60 - Timed Relay
ON/OFF - Photocell
CHIMEPLT - Chime mounted on a white plate with on/off switch
P500-50 - Use as third “check” probe

Directional Probe Package:

P8000C - Complete system. Includes 212 Processor, P8000 Probe, 12VDC Power Supply, 16.5VAC Plug-In Transformer, 12VB1, N3BOX, CHIMEPLT

Additional Information

P8000 - 2 headed probe with 12' between heads. Each head is 12" long. Color: White.
212 - Draws 55 mA. 2 relays are form “C” outputs. Operates on 12VDC.
N3BOX is 9" x 4" x 4".



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