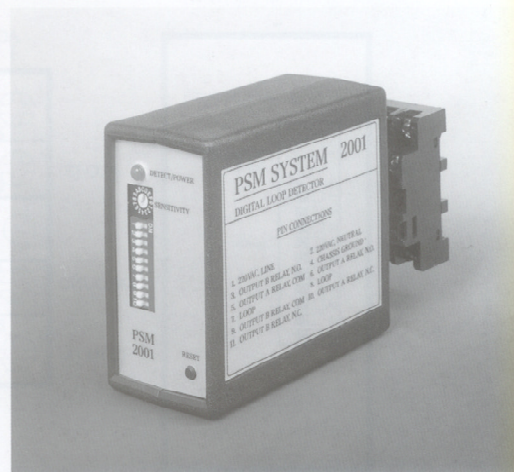


PSM2001 VEHICLE DETECTOR

Single Channel Digital Inductive Loop Vehicle Detector

The PSM2001 Loop Vehicle Detector is an intelligent, extremely flexible and very affordable product. The PSM2001 is designed to accommodate numerous applications, can be adjusted intelligently to any environments and virtually eliminating false detection.



Feature

- External rotary switch come with 16 selectable sensitivity levels.
- On the front panel, the four selectable loop frequencies (20~80KHz) can completely eliminate any crosstalk.
- If intermittence happen or failed loops get self-healed, the detector will resume to normal operation without manually reset the detector.
- Self-tuning & complete environmental tracking.
- No warm-up required.
- Two-color LED status indicator for Detect, Power, and Loop Fault indication.
- The large loop induction range from 20 to 2000 microhenries allows operation with a wide variety of loops.
- Loop feeder length could reach 500 meters.
- Any vehicle with a speed of 0 to 130 km/hr will be detected.
- Two separate output relays:
 - Output A is presence output. Can be extended for 0, 2, 5, 8, 10, 15, 20 or 30 seconds, programmable with external DIPswitches.
 - Output B, programmable with external DIPswitches, provides presence, pulse on entry, pulse on exit, or failed output.
- By setting an external DIPswitch, both outputs can be delayed for 2 seconds, this allows the detector to ignore vehicles passing over the loop faster than 5 miles per hour.
- 11-pin Amphenol rear connectors.
- ABC plastic case.