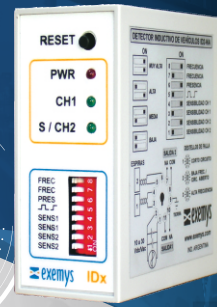


Inductive Loop Detector

Magnetic Loops

IDX



IDX is an advanced inductive vehicle detector designed to detect the presence of vehicles and activate a specific output in response. This device is ideal for access control systems, traffic lights, and parking management systems, providing an efficient and reliable solution for traffic automation and vehicle safety.

Its inductive technology enables precise and fast detection, ensuring an appropriate response in dynamic environments.

GENERAL FEATURES

- 1 or 2 multiplexed channels
- 4 levels of Sensitivity and Frequency
- Opto-isolated or Relay Outputs
- Fail-safe operation
- Automatic tuning
- Presence or Pulse output
- Advanced fault diagnostics
- Automatic sensitivity shift
- Direction detection
- Tracking of environmental fluctuations

APPLICATIONS

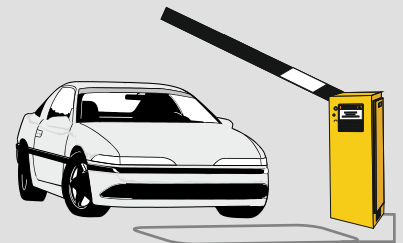
- Toll stations
- Automatic barriers
- Motorized gates
- Smart traffic lights
- Vehicle access control
- Vehicle counting
- Speed measurement
- Direction detection

TECHNICAL SPECIFICATIONS

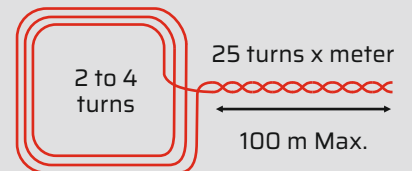
- **Relay:** 0,5A 120V CA, 1A 24V DC, 0,3A 60Vdc.
- **Optoisolators:** Transistor output, 30V max, 10mA max.
- **Protections:** Varistors and lightning Protection
Loop inputs Isolated
- **Inductance / Freqc.:** 20uHy to 2000uHy. Factor Q>5, 25Khz to 120Khz
- **Presence Time:** 1 hour for dL/L = 3%.
- **Sensibility:** dL/L = 0,02%, 0,05%, 0,1%, 0,5%
- **Multiplexation:** 10 mS.
- **Dimensions:** 78,4 x 76 x 35 mm, 120g
- **Power:** +10 to 30 Volts DC, 100mA
- **Temperature:** Operation: 5 to 65 °C
- **Warranty:** 1 Year

ORDERING CODES

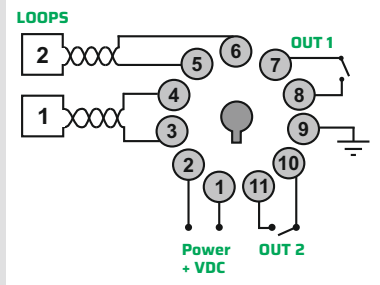
PART NUMBER	OUTPUTS	CHANNELS
ID1-RL-O-NA-P	Normal open Relay	1
ID2-RL-O-NA-P	Normal open Relay	2
ID1-TR-O-NOFF-P	Normal OFF Transistor	1
ID2-TR-O-NOFF-P	Normal OFF Transistor	2
ID1-OP-O-NOFF-P	Normal OFF Optoisolated	1
ID2-OP-O-NOFF-P	Normal OFF Optoisolated	2



Loop Detector



11 pins Connector



GESTION DE LA CALIDAD

RI-9000-6174

Acreditado por OAA



RECOGNIZED CERTIFICATION

IRAM-ISO 9001:2015