

NEO DT

Digital PIR & MW Detectors with End-Of-Line Resistors

The NEO DT is a combination of PIR & MW detectors, with PET immune function, providing protection from intruders by PYRO sensor element and MW (based on Doppler concept).

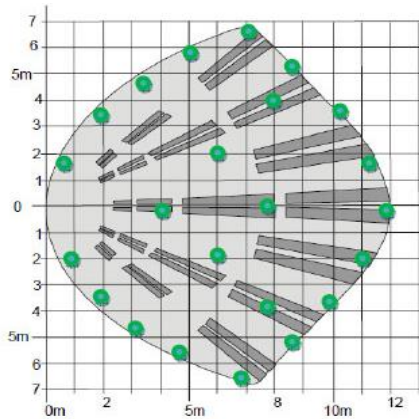
Using micro controller for PIR & MW signal analyzing, with special ASIC technology for PIR pulse analyzing.

PRODUCT FEATURES

- Quad (Four element) PYRO sensor.
- Microwave detection based on Doppler concept.
- Multi Values End-Of-Line (EOL) Resistors
- ASIC VLSI based electronics with movement speed spectrum analysis.
- PIR self-test by applying a short heat pulse.
- 12m Detection Range with Wide Angle Lens.
- User-friendly installation with or w/o swivel bracket.
- Microwave sensitivity adjustment.
- PIR sensitivity adjustment.
- Bi directional temperature compensation.
- PET immunity up to 25Kg.
- White light and environmental immunity



DETECTION PATTERN



SPECIFICATION

Detection Method	PIR & Microwave Pulse Doppler
MW Frequency	X-Band - 10.525GHz
Power Input	9 to 16Vdc
Current Draw	Active: 38mA (+/- 5%) Standby: 31mA (+/- 5%)
Temp Consumption	Yes
Alarm Period	2 ± 1 sec
Alarm Outputs	Form A N.C 28Vdc 0.1 A (with 10 Ohm series protection resistor)
Trouble Output	Form A N.C 28Vdc 0.1 A (with 10 Ohm series protection resistor)
Tamper Switch	N.C 28Vdc 0.1 A (with 10 Ohm Resistors) open on cover removal
Warm up Period	30 sec
Operation Temp	-10°C ~ +50 °C
Dimensions	123.5mm x 61.5mm x 40mm
Weight	118gr.
Part Number	0029305

STANDARDS COMPLIANCE

EN50130-4
EN301489-3
EN301489-1
EN61000-6-3
EN50130-5
SAFETY LVD 2006/95/EC , EN60950-1
EN50131-1, EN50131-2-4
Security Grade 2, Environmental Class II