

445

NO CONTACT SENSOR

OVERVIEW

Deltrex 445 is an induction sensor module. 445 no contact sensor uses intelligent optimization of the detection control circuit and is not affected by temperature, height, humidity, and other environmental factors. The sensor has anti-interference reliable working performance and stable operation.

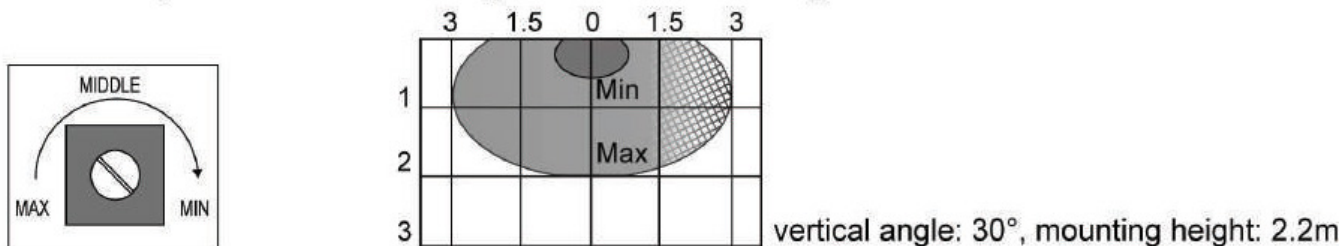


Brown Green	Power input
White	Relay COM
Yellow	Relay NO

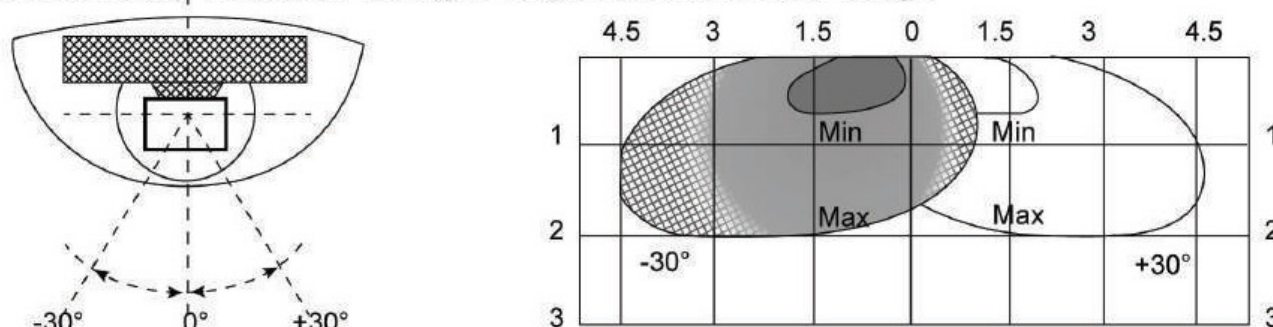
Power Only 12VDC or 24 VD

ADJUSTMENT OF INDUCTIVE FIELD

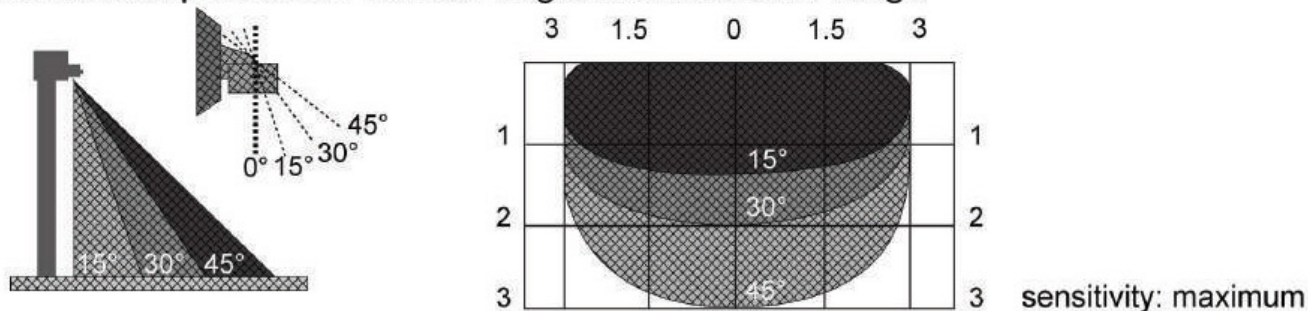
The relationship between sensitivity and induction range



The relationship between left/right angle and induction range



The relationship between vertical angle and induction range



INSTALLATION TIPS

1. Do not install on a vibratory plate.
2. Don't cover the sensor's inductive detector.
3. Avoid moving objects in the inductive field.
4. Avoid HF lamps or fluorescent light in the inductive field.
5. Avoid to touch the inside electronic parts.

TROUBLESHOOTING

Symptoms	Probable Causes	Corrective Action
The door will not open and LED is off	The sensor power is off	Check the wiring and the power supply
The door opens and closes constantly	1. The sensor "sees" the door moving	Increase the induction angle
	2. During operation the door creates vibrations which felt by the sensor	Make sure that the sensor is correctly fixed and reduce the sensitivity
The door will not close and LED is off	Functional switch for door control is at wrong position or faulty	Make sure that the functional switch for the door is at the ON or AUTOMATIC position

#445. No Contact, Door Control Release, Inductive Sensor

Power Supply:	24VDC
Output Contact:	NO/NC/COM
LED INDICATOR	Blue-Standby Green-Sensation
Operating Temp	up to 125F
Operating Humidity	up to 95%
Control Distance	up to 8 inches
Wire	Red + Black - White NO White NC