



NMS 1200 - Ex n

Zone 2

The **NMS 1200 - Ex n** Microwave Sensor is an active pre-set motion detector. The Sensor emits high frequency electro-magnetic wave (5.8GHz) and receives the echo from movements in the detection zone. An internal micro-processor then triggers and connects the load to the “switch light ON” command. Detection is possible through doors, glass panes or thin walls. The Microwave Sensor is suitable for use in Zone 2 indoor and outdoor classified areas. The **NMS 1200 - Ex n** continues the proud heritage of RAMIKA PROJECTS Ex safety standards whilst utilizing the latest technology.



NMS 1200 - Ex n

Applications: Zone 2 Hazardous locations, including industrial, commercial and warehouse application.

Body: The housing is a CCG Ex housing which is made of impact, corrosion and UV resistant glass reinforced polyester compound.

Gasket/Seals: Gasket consists of Nitrile rubber and EPDM seals.

Cable Entry: The unit is supplied with 2 x M20 Exe cable glands with other entries blanked off by Exe approved plugs.

Mounting: 4 x M10 slot holes are provided for mounting.

Warranty: 1 Years

Model Name	NMS 1200 Ex n (Zone 2)
Rated Load	1200W
Rated Voltage	220V-240VAC
Power Frequency	50/60Hz
Ingress Protection Grade	IP65
Ambient Temperature	-40°C to +55°C
HF System	5.8GHz CW radar, ISM band
Transmission Power	<10mW
Detection Angle	360°
Detection Range (clear area)	10m
Installation	Wall, Ceiling and Pole mounting
Classification	Zone 2 (Gas)
Ex-mark	Ex nA nC II T6 IP65

Ramika Projects reserves the right to change any specification or design without prior notice.

