



MHE Reverse Sensor System (10 Meter)

Model No: RODS - M10

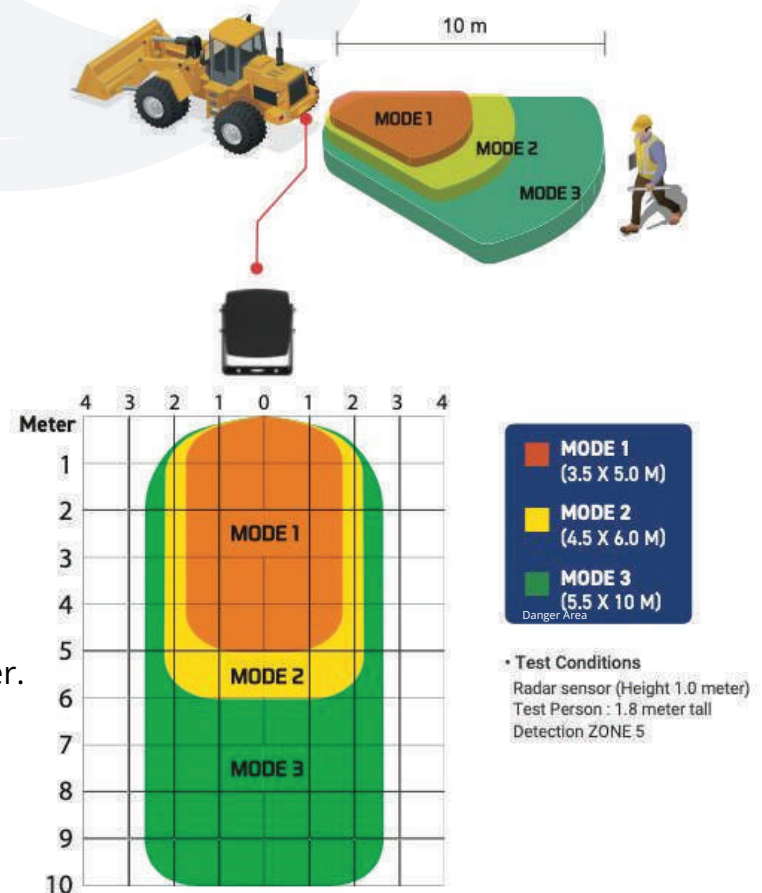


Product Description:

Introducing the MHE Reverse Sensor System (10 Meter) RODS-M10, a compact 24GHz radar sensor designed for precise detection on material handling equipment. With a programmable detection range of up to 10 meters, three selectable modes, and five-zone detection capability, it delivers instant visual and audible alerts to operators. Built to withstand extreme temperatures, its waterproof and rugged construction ensures dependable performance across demanding industrial environments.

Product Features:

- Programmable Radar sensor (RODS-L)
 - Mode 1 : (3.5 X 5.0 M)
 - Mode 2 : (4.5 X 6.0 M)
 - Mode 3 : (5.5 X 10 M)
- Compact 24GHz Radar sensor
- Modulation: FMCW
- Detection zone : 5 zone
- Provide visual and audible alerts for driver.
- Waterproof and rugged design.



Product Specifications:

Sensor Spec

Parameter	Value
Transmit frequency	24.05 ~ 24.25 GHz FCC, CE, KC
Modulation	FMCW (Frequency Modulated Continuous Wave)
Supply voltage	12 ~ 32
Current consumption	300 mA@12V W/O Alarm Out
Power on time	300ms
Detection time	200ms
Communication	CAN-Bus
Operating temperature	~ 40°C~ 85°C
IP protection rate	69K
Vibration	15G
Housing Material	Polycarbonate
Dimension	110(H) x 108(L) x 34(D) mm
Weight	390 g (W/O Bracket) 720 g (With Bracket)

Display Unit

Detection Zone	5 Zones
Speaker	3 x different volume level to be selected
Operating Temp.	~ 30°C ~ +70°C
Cable Length	0.7 Meter
Connector	4P Screw Lock Type
Housing Material	Polycarbonate
Dimension	20(H) x 65(L) X 54(D) mm
Weight	220g with Bracket