Radar Contact Sensors
For Guided Wave Radar Sensor Applications

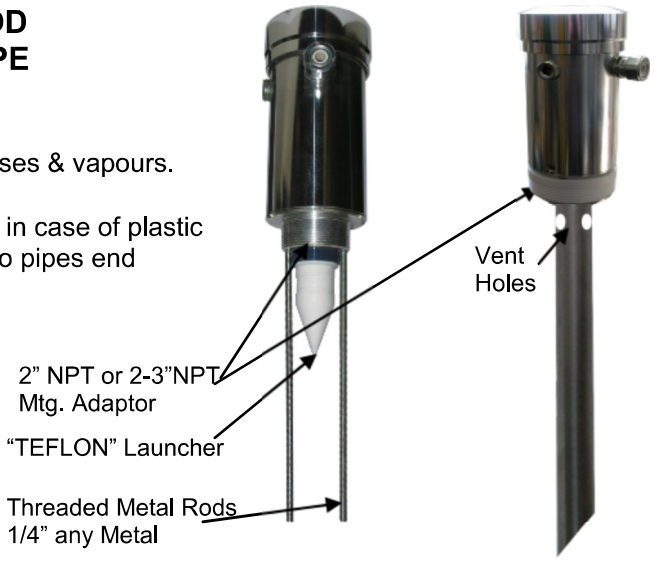
Model - Model #1 ABMXXX - YYYRC - H A – CABLE
Model #2 ABMXXX - YYYRC - H A – ROD
Model #3 ABMXXX - YYYRC - H A – PIPE

Applications -

Any liquids such as conductive, non-conductive, with foam, gases & vapours.
In very narrow tanks, tanks with obstacles, cross beams.
Note –1) For radar with pipe guide metal tank's bottom okay, in case of plastic tank use a metal plate within a very close distance to pipes end (not farther than 2 inches)

Benefits -

- Enclosures are suitable for IP68 environmental conditions.
- ABM non-contact radar can be used as guided wave radar along wire, rods or inside metal pipes.
- Self adjustment of power and sensitivity is still applied.



Radar c/w Threaded Rod Guide **Radar c/w Pipe Guide**

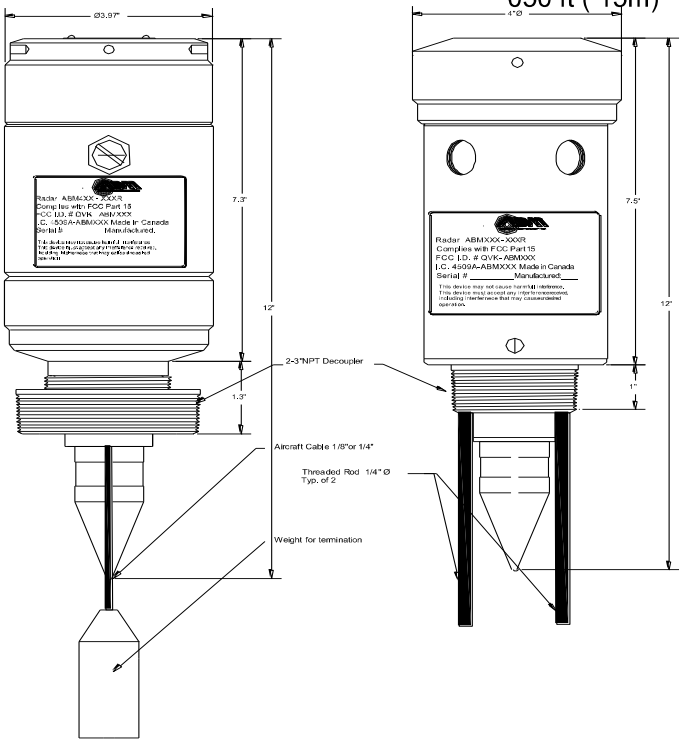
Technical data -

Measuring Range : 2 Ft to 50 Ft (.6 to 15 m)
Pressure Rating : 5 bar for all Radar
Mounting Thread : 2" or 3" NPT Male Thread
Frequency : 6.3 GHz and 5.8 GHz

Catalogue # Ordering -

Supply Voltage:
XXX = 2 Wire 20-30 Vdc
3 Wire 12-30 Vdc
4 Wire 120 Vac or 230 Vac

Maximum Range:
YYY = 017 ft (5m)
033 ft (10m)
050 ft (15m)



Operating Frequency:
R = R6 6.3 GHz
R5 5.8 GHz

Communications: C = 4 - RS485
2 - RS232
H - Hart 7

Housing Material:
H = A L — Aluminum Enclosure Housing
S.S. — SS316L Enclosure Housing

Cable Material:
SS316 Aircraft Cable

Rod Material: any material

Metal Pipes: any material, seamless recommended

Antenna :
A = ATE TEFLON Rod Antenna
ATL TEFLON Launcher Antenna

Radar Exp. c/w Cable Guide **Radar Std. c/w Threaded Rod Guide**