

MB7040

I2CXL-MaxSonar[®]-WR[™] Beam Pattern

Sample results for measured beam pattern are shown on a 30-cm grid. The detection pattern is shown for dowels of varying diameters that are placed in front of the sensor

A 6.1-mm (0.25-inch) diameter dowel

B 2.54-cm (1-inch) diameter dowel

C 8.89-cm (3.5-inch) diameter dowel

D 11-inch wide board moved left to right with the board parallel to the front sensor face.

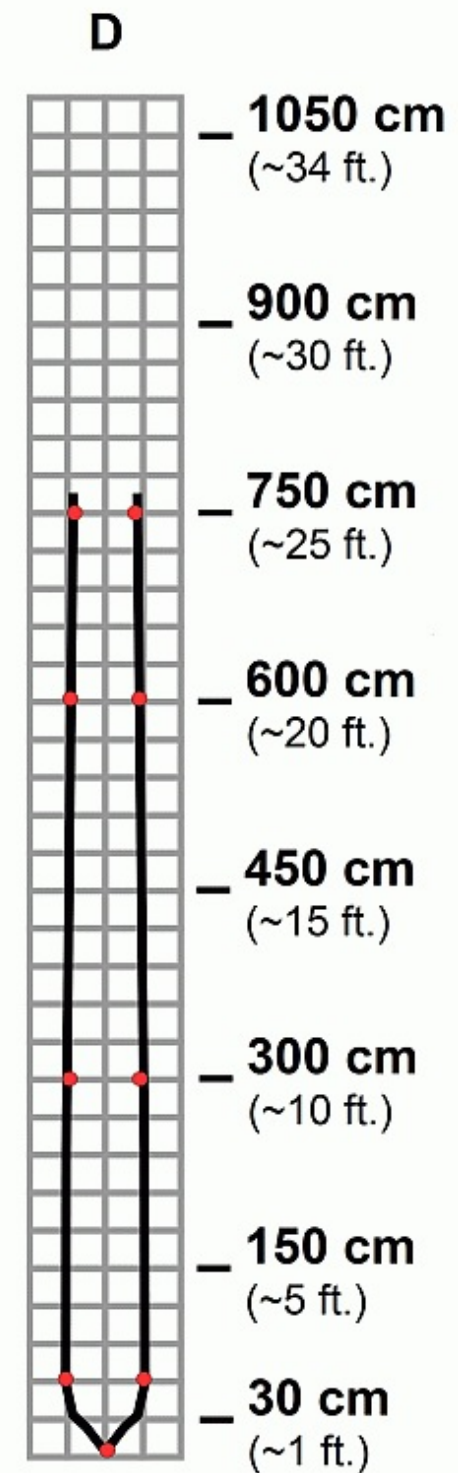
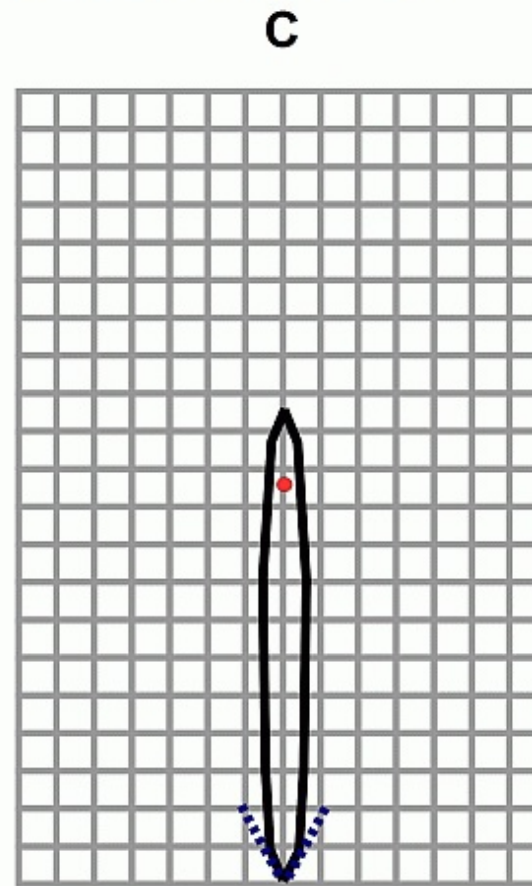
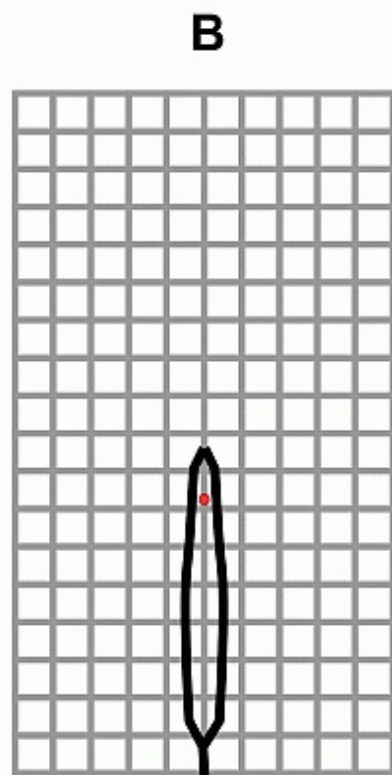
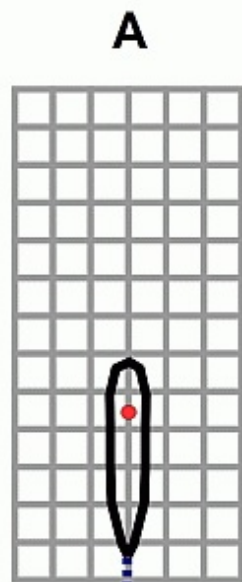
This shows the sensor's range capability.

Note: For people detection the pattern typically falls between charts A and B.

■ ■ Partial Detection

— 5.0 V

● 3.3 V



Beam Characteristics are Approximate

Beam Patterns drawn to a 1:95 scale for easy comparison to our other products.