

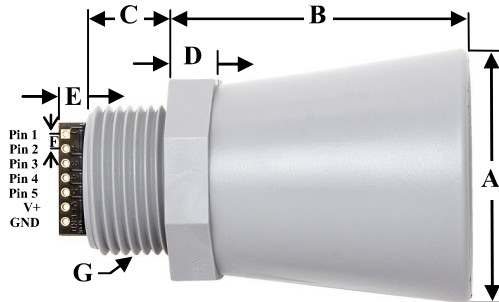
Performance Changes when Selecting a Non-Full Horn Package

When selecting a HRXL-MaxSonar-WR sensor without the full horn the sensor will experience the following performance changes:

- The sensor will have a wider beam shape for the first meter.
- The sensor may be less accurate by an additional +/- 0.5%.
- The sensor may have a dead zone from 0mm–500mm.
- The sensor may have worse performance to small or soft targets.
- The sensor may experience decreased noise immunity when ranging to small, soft, angled, or distant targets.

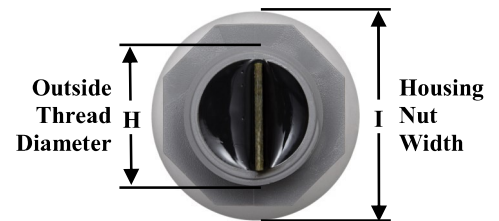
Mechanical Dimensions

Full Horn

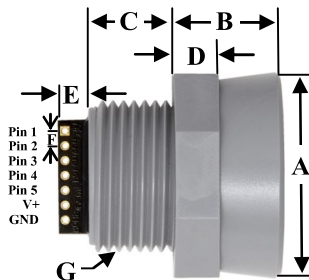


A	1.72" dia.	43.8 mm dia.
B	2.00"	50.7 mm
C	0.58"	14.4 mm
D	0.31"	7.9 mm
E	0.23"	5.8 mm
F	0.1"	2.54 mm
G	3/4"-14 NPS	
H	1.032" dia.	26.2 mm dia.
I	1.37"	34.8 mm
Weight, 1.76 oz., 50 grams		

Values Are Nominal

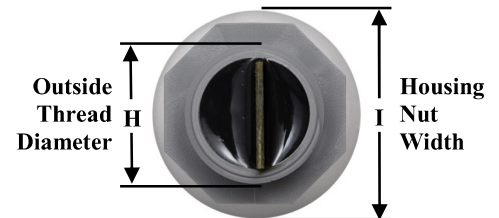


Compact Housing

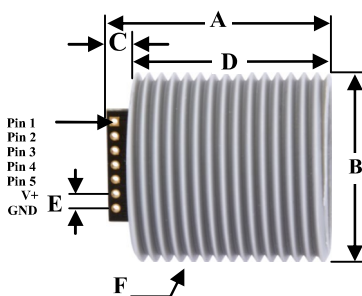


A	1.37" dia.	34.7 mm dia.
B	0.70"	17.9 mm
C	0.57"	14.4 mm
D	0.31"	7.9 mm
E	0.23"	5.8 mm
F	0.1"	2.54 mm
G	3/4"-14 NPS	
H	1.032" dia.	26.2 mm dia.
I	1.37"	34.8 mm
Weight, 1.23 oz., 32 grams		

Values Are Nominal



1" NPS Pipe Threading



A	1.52"	38.5 mm
B	1.29" dia.	33.0 mm dia.
C	0.22"	5.5 mm
D	1.30"	33.1 mm
E	0.10"	2.54 mm
F	1" - NPS	
G	0.78"	19.81 mm
Weight, 1.23 oz., 35 grams		

Values Are Nominal

