

- The frequency of vibration is higher than that of sound waves.
- With high characteristic frequency, short wavelength, small diffraction phenomenon, especially good directivity, and is the directional propagation of radiation.
- Ultrasonic ranging usually uses TOF (time of flight) mode.
- The distance between sensor and obstacle $S=vt/2$.
- Can detect transparent or colored objects, metal or non-metal objects, solid, liquid, and powdery substances.



SPECIFICATION

- ◆ Measuring range: 60~1060mm
- ◆ Blind area: 60mm
- ◆ Standard test board: 300x300mm
- ◆ Resolution: 0.35mm(max)
- ◆ Beam angle: 10-15°
- ◆ Linearity: 0.1%
- ◆ Frequency: 200KHz
- ◆ Working voltage: 15~30VDC
- ◆ Ripple voltage: 5%
- ◆ Power consumption: 20MA
- ◆ Output signal: 0~10V
- ◆ Working Temperature: -20°C~+60°C
- ◆ Storage temperature: -40°C~+70°C
- ◆ Line Length: 2m
- ◆ Response time: 100ms
- ◆ Housing material: Nickel plated brass
- ◆ Protection: IP67

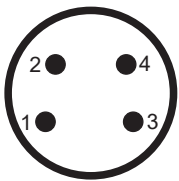
ORDER INFORMATION

DCSB- [Code1] - [Code2] - [Code3]

Code1	Range	Code2	Output Signal
0260	60~260mm	V2	0~10V
0560	60~560mm	A	4~20mA
1060	60~1060mm		

Code3	Type
A	Screw thread
B	Wine vat cover

WIRING CONNECTION



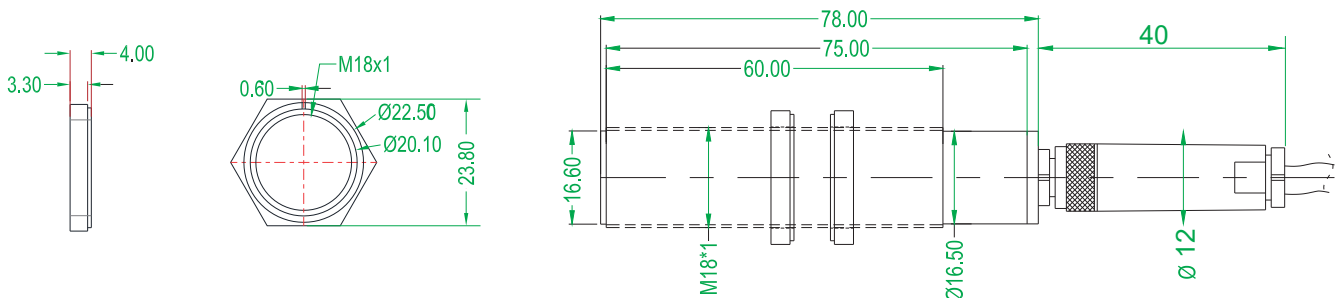
View from PIN

- 1: Blue
- 2: Gray
- 3: Black
- 4: Brown

BROWN	+DC15-30V
BLUE	GND 0V
BLACK	Output 0-10V
GRAY	Adjustment line

DIMENSION

A type: L78mm*W18mm*H18mm



B type: L42mm*W40mm*H38mm

