

Usage:ultrasonic water meter/level measurement

Theory:Ultrasonic

Output:Analog

Description:1 mhz ultrasonic transducer

Frequency:970±50KHz

Impedance:< 150Ω

Capacitance:1100±20%pF

Materials:PPS for drinking water

Operating Temp.:0.1~80°C

Storage Temp.: -40~85°C

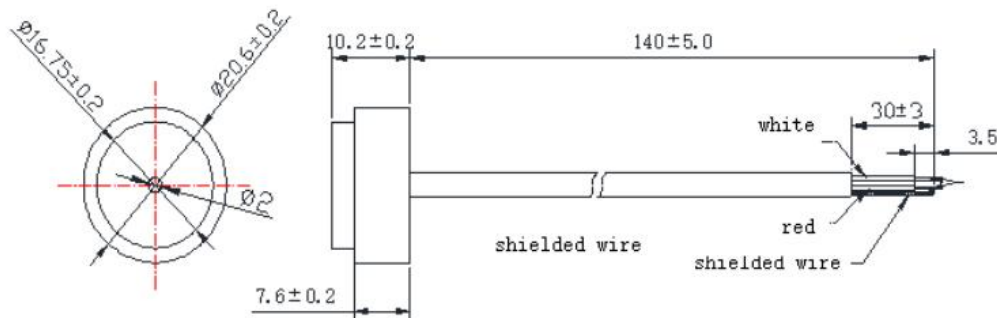
Pressure Resistance:2.4Mpa

Connector:JST or others

Cable:28AWG or others

Withstanding Voltage:36V

Items	Unit	Content
Nominal Frequency (Fn)	KHz	970±50
Resonance Impedance (R0) (1MHz)	Ω	< 150
Static Capacitance (CP)	pF	1100±20%



Item↵	Test Methods↵
Center Frequency (Fr) ↵	Measuring radial vibration mode, Agilent4294A Impedance analyzer↵
Resonance Impedance (R0) ↵	
Static Capacitance (CP) ↵	Digital Electric Bridge (at 1kHz/1V)↵