



4 mm Displacement Transducer with Pre-amplifier

Model CWY-DO-504

FEATURES

- Easy mounting
- Wide frequency range
- High reliability
- Small size
- Non-contact measurement

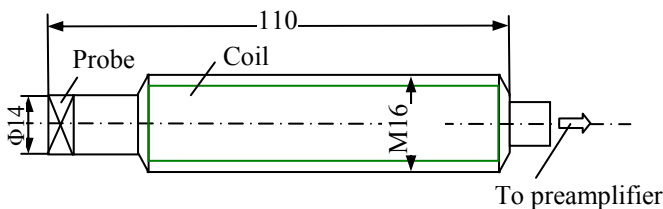


SUPPLIED WITH

- Eddy current probe
- Extension cable(2M)
- Pre amplifier
- Protective cap
- Two M16×1.5 screw nuts

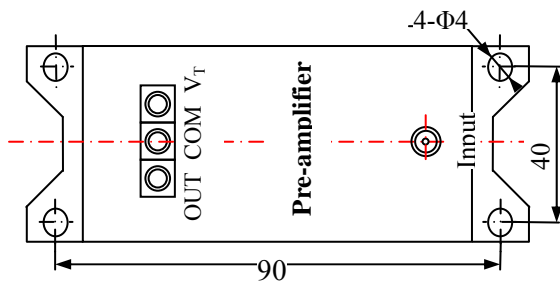
PERFORMANCE

Measurement range	4mm
Sensitivity	
Unchangeable	4 ± 10% mV/μm
Changeable	4 ± 15% mV/μm
Resolution	1 μm
Linearity	
Unchangeable	≤ 2%
Changeable	≤ 5%
Frequency response	see graph below
Frequency Range	0 - 5000Hz
Temperature Range	
Probe	-30 to +120°C
Amplifier	-30 to +65°C
Temperature drifts	0.1%/°C FS
Mounting clearance	0.1 to 0.5mm



ENVIRONMENTAL CHARACTERISTICS

Object material	steel
Environmental temperature	20±5°C
Humidity	≤ 80%



ELECTRICAL CHARACTERISTICS

Supply voltage	-24V (DC)
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V_T: 24VDC supply voltage
 COM: ground
 OUT: output

PHYSICAL CHARACTERISTICS

Probe diameter	Φ14
Probe length	110mm
Mounting thread	M16×1.5
Cable length	2M