1 inch sound field type electret microphone (with preamplifier) UC-35P

For measurement of low sound pressure level

Specifications

Standard compliance: CE mark, China RoHS, WEEE Directive
Frequency response: Free sound field model
Nominal diameter: 1 inch
Total sensitivity: 0 dB±2 dB (re. 1 V/Pa at 1 kHz)
Frequency range: 10 Hz to 12,500 Hz
Inherent noise equivalent sound pressure level: A-frequency weighting Typ. 2.0 dB Max. 4.0 dB
C-frequency weighting Typ. 6.0 dB Max. 8.0 dB
Z-frequency weighting Typ. 23.0 dB Max. 25.0 dB
Max. extension cable length: 40 m
Maximum input sound pressure level: 96 dB
Power supply: Rated 24 V, 4 mA
Dimensions and Weight: 23.8 mm × 132.7 mm, Approx. 135 g
Ambient conditions for operation: -10 °C to +50 °C, 90 %RH or below (no condensation)
Connectable equipment: SA-02, UN-14**, SA-21**, DA-21**
(1) Conversion from the display value is required.
(2) Use for CCLD 4mA only

UC-35P frequency response

For acoustical calibration please use the NC-74.