# GRAS 26AI

1/2



1 Hz - 200 kHz
1.8 µV
-0.29 dB

26AI          1/2                                                    7-
pin LEMO                    40 GΩ

GRAS

GRAS 26AI

IEC 61094          1/2

1 Hz
200 kHz                              50 V

7-pin LEMO

26AI

A

IEC1094                              4
1/2
11.7      -60 UNS-2

GRAS 26AI                    7-pin LEMO        1B

| | | |
|---|---|---|
| Frequency range (±0.2 dB) with 18 pF microphone dummy | Hz | 1 to 200 k |
| Slew rate | V/μs | 20 |
| Input impedance | GΩ // pF | 40 // 0.4 |
| Output impedance | Ω | 75 |
| Output Voltage Swing, max. @ ±14V/+28V power supply | Vp | 12 |
| Output Voltage Swing, max. @ ±60V/+120V power supply | Vp | 50 |
| Noise (A-Weighted) max. | μV | 2.5 |
| Noise (A-Weighted) typ. | μV | 1.8 |
| Noise (Linear 20 Hz – 20 kHz) max. | μV | 6 |
| Noise (Linear 20 Hz – 20 kHz) typ. | μV | 3.5 |
| Gain | dB | -0.29 |
| Power supply, single | V | 28 to 120 |
| Power supply, balanced | V | ±14 to ±60 |
| DC-offset, min., single suppy | V | $0.5 \times V_s - 1$ |
| DC-offset, max., single suppy | V | $0.5 \times V_s + 4$ |
| DC-offset, balanced supply | V | -1 to 4 |
| Temperature range, operation | °C / °F | -30 to 70 / -22 to 158 |
| Temperature range, storage | °C / °F | -40 to 85 / -40 to 185 |
| Humidity range non condensing | % RH | 0 to 95 |
| TEDS (IEEE 1451.4) | | 769 v. 0.9 |
| Connector type | | 7-pin LEMO (FGG.1B.307) |
| CE/RoHS compliant/WEEE registered | | Yes / Yes, Yes |
| Weight | g / oz | 22 / 0.78 |

23 °C          ±60V/+120V          18 pF          3 m

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Dimensions in mm



90

Ø12.7



55

30

17

Ø12.7

Thread
11.70-60 UNS-2
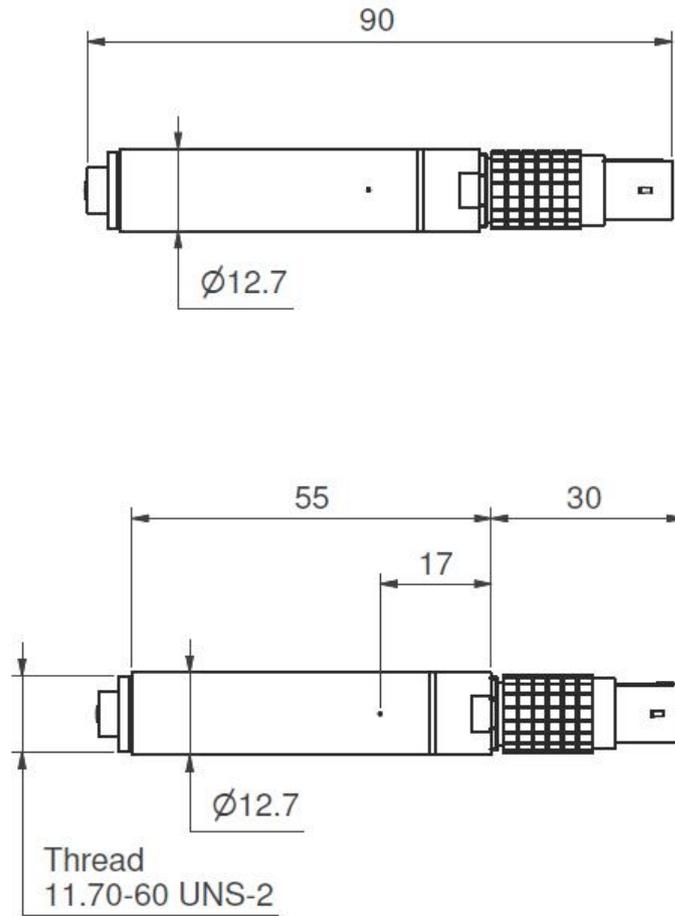
GRAS

| GRAS AA0008 | 3 m LEMO 7-pin - LEMO 7-pin Cable |
| GRAS AL0008 | 1/2" Microphone Holder, POM |
| GRAS AL0012 | 1/2" Microphone Holder, Stainless Steel |
| GRAS AL0005 | Swivel head |
| GRAS AL0006 | Tripod |
| GRAS RA0019 | Adapter for 1/4" microphone and 1/2" preamplifier |
| GRAS RA0073 | Adapter for 1" microphone and 1/2" preamplifier |
| GRAS RA0190 | Right-angled (90°) Adapter for 1/2" Microphone and 1/2" Preamplifier |
| GRAS RA0016 | 20 dB Attenuator for externally polarized 1/2" microphones |
| GRAS RA0062 | 20 pF Preamplifier-input Adapter for 1/2" preamplifiers |
| GRAS 12AA | 2-Channel Power Module with gain, filters and SysCheck generator |
| GRAS 12AQ | 2-Channel Universal Power Module with signal conditioning and PC interface |

GRAS Sound & Vibration

# GRAS Worldwide

Subsidiaries and distributors in more
than 40 countries

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**About GRAS Sound & Vibration**

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones
to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes
applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones
are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a
leading test solutions provider comprised of globally recognized measurement brands. Read more at www.GRASacoustics.com

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