GRAS 40PM-1

EQset™





20 Hz - 20 kHz 30 dB(A) - 125 dB 20 mV/Pa GRAS 40PM-1 GRAS 40PM EQset™ GRAS 40PM-1 20 kHz ¼ 30 dB a 120 dB SPL THD 3% 34 GRAS 40PM-1

EQset >>



Technology

EQset™	GRAS	40PM	-1
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GRAS 40PM-1 GRAS 40PM-1

GRAS 40PM-1

GRAS 40PM-1 34 1/4

GRAS 40PM-1 GRAS 40PM

GRAS 40PM

GRAS 40PM-1 ±0.2 dB 20

kHz ±0.5 dB GRAS 40PM-1

48 V CCP GRAS 40PM-1

CCP TEDS

EQset □□

EQset EQset

EQset

EQset TEDS EQset 48 V CCP

CCP

EQset grasacoustics.com/EQset.

APx500 Flex

2

GRAS 42AP GRAS 42AG GRAS 40PM 42AG 40PM-1 40AG

250Hz

GRAS



78 **43 7**4

GRAS 40PM-1 ±0.2dB

13 35°C 55 95°F 983

1043 hPa

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• 5 0.1 dB 1

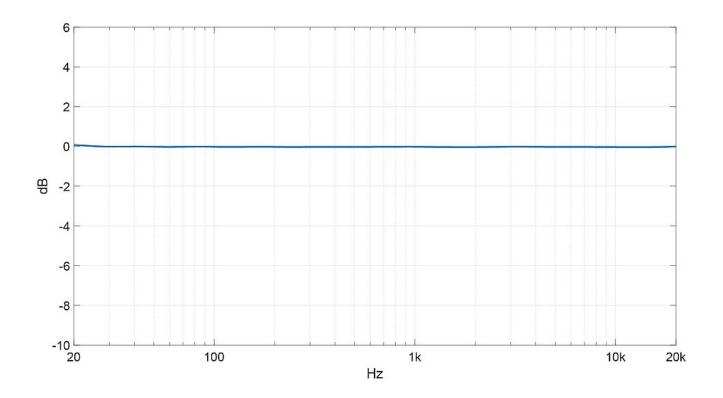
GRAS 40PM-1 20 Hz

20 kHz 30 dB (A) 125 dB

GRAS

Specifications

Dynamic range lower limit (microphone thermal noise)	dB(A)	<30
Dynamic range upper limit	dB	125
Sensitivity @ 250 Hz (±0.2 dB)	dB re 1V/Pa	-34
Sensitivity @ 250 Hz (±0.2 dB)	mV/Pa	20
Power supply (Constant Current Power)	mA	4 to 10 (min. to max.)
Pressure response (±0.5 dB)	Hz	20 - 20k
Output DC bias voltage	V	13.7 ±0.5
Output impedance	Ω	<50
Temperature range	°C / °F	-10 to 55 / 14 to 131
Humidity range non condensing	% RH	0 to 90
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Maximum cable length	m	10 (@ 4 mA)



Specifications

GRAS Sound & Vibration



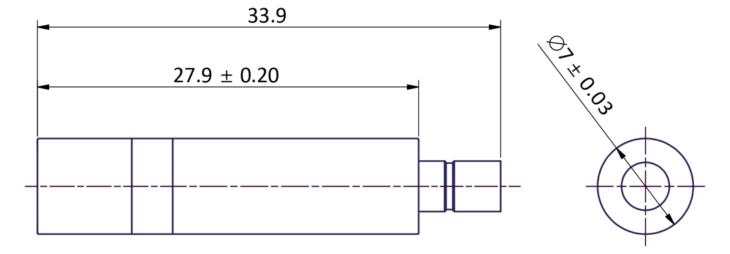
Dimensions

mm

() 34

7

3.5 g / 0.12346 oz



Ordering info

GRAS AA0027	3 m SMB - BNC Cable
AA0028	10 m SMB - BNC Cable
GRAS AA0078	3 m SMB angled - BNC Cable
GRAS AG0003	Adapter for CCP preamplifier to 48V phantom power (BNC to XLR)
GRAS AL0028	7 mm Microphone Holder, POM
GRAS 42AG	Multifunction Sound Calibrator, Class 1
GRAS 42AP	Intelligent Pistonphone, Class 0

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 and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require.

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

GRAS

An Axiometrix Solutions Brand

grasacoustics.com