

# GRAS 40PP-10

CCP QC



10 Hz - 20 kHz  
33 dB(A) - 128 dB  
50 mV/Pa

GRAS 40PP-10  
33 dB(A) 128 dB

20 kHz

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40PP-10                      40PP-10                      --

40PP-10                      BNC                      RG58

CCP                      A-Weighting                      [GRAS 12AL 1](#)  
CCP                      CCP                      TEDS                      IEEE 1451.4  
TEDS

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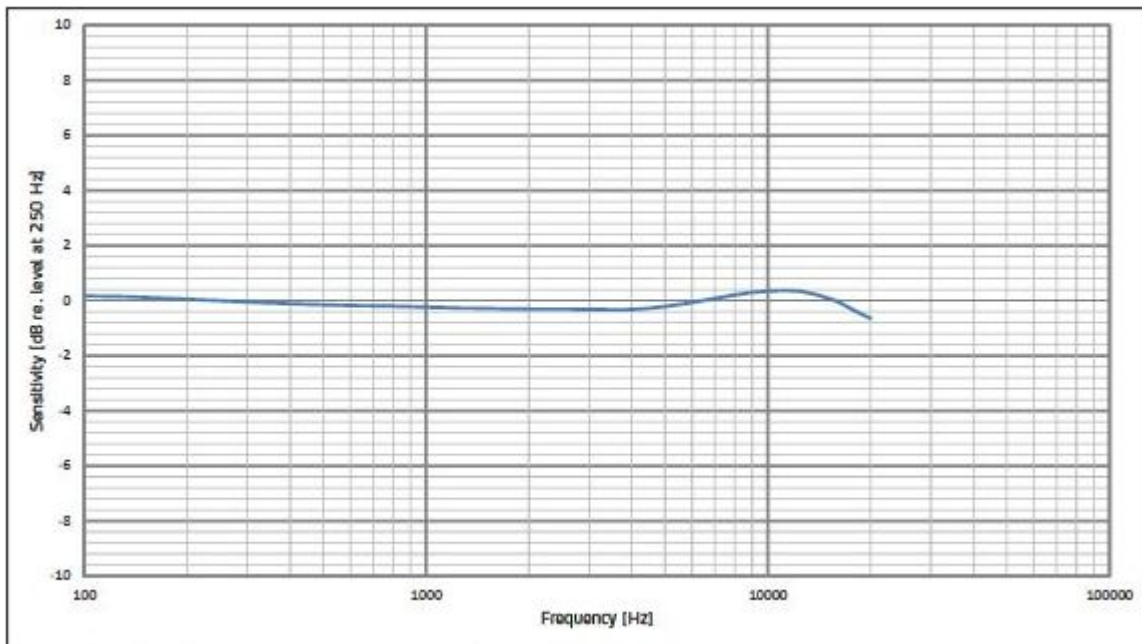
[GRAS 42AA](#) GRAS                      ¼

GRAS                      GRAS

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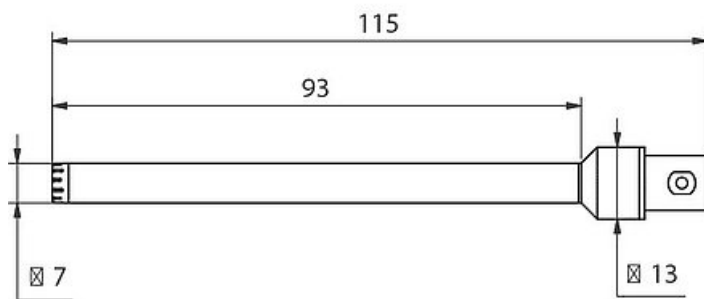


Polarization/Connection		0 V / CCP
Frequency range ( $\pm 1.5$ dB)	Hz	50 to 5 k
Frequency range ( $\pm 2$ dB)	Hz	10 to 20 k
Dynamic range lower limit (microphone thermal noise)	dB(A)	<33
Dynamic range upper limit	dB	128
Set sensitivity @ 250 Hz ( $\pm 2$ dB)	mV/Pa	50
Power supply (Constant Current Power)	mA	2 to 20
Microphone venting		Front
Output impedance	$\Omega$	<50
Temperature range, operation	$^{\circ}\text{C}$ / $^{\circ}\text{F}$	-10 to 50 / 14 to 122
Temperature range, storage	$^{\circ}\text{C}$ / $^{\circ}\text{F}$	-20 to 60 / -4 to 140
Influence of axial vibration @1 m/s <sup>2</sup>	dB re 20 $\mu\text{Pa}$	55
TEDS (IEEE 1451.4)		27 v. 1.0
Connector type		BNC
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Weight	g / oz	24 / 0.85



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Dimensions in mm



GS0528  
40PP



<a href="#">GRAS 12AL</a>	1-Channel CCP Power Module with A-weighting filter
<a href="#">GRAS AL0028</a>	Tripod adapter
<a href="#">GRAS RA0092</a>	Rain-protection Cap for array microphones
<a href="#">GRAS 42AP</a>	Intelligent Pistonphone, Class 0
<a href="#">GRAS 42AG</a>	Multifunction Sound Calibrator, Class 1

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# 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](http://www.grasacoustics.com)

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