

Data Sheet

Peakmeter 1108E

Description

Peakmeter

The level meter 1108E is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two-channel plasma bargraph display.



Sandwich scale, horizontal and vertical



Analog • DIN • x-former bal. • 10 ms • Scale 150 mm • +20 dB/Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage:	+24 V DC \pm 10 % \pm 15 V DC \pm 10 %	or
Current drain:	max. 190 mA	
Weight:	approx. 750 g	
Dimensions:	190 x 40 x 107 mm	
Operating temperature range:	+5° to +45° Celsius	
Connector:	DIN 41612/C (32-pin male connector)	
Fastening:	clamping locks	
Controls:	• 20 dB gain of input sensitivity • display of the stored peak values • memory reset	
Indicators:	• 20 dB-LED (gain of input sensitivity)	

Peakmeter

Measuring standard:	acc. IRT 3/6 and DIN 45406
Input sensitivity	
for 0 dB reading:	+6 dBu (1.55 V)
Max. input level:	+21 dBu
Adjustable range of input sensitivity:	0 dBu to +18 dBu
Inputs:	transformer balanced
Rejection factor:	> 60 dB
Input impedance:	> 10 k Ω (30 Hz to 20 kHz)
Integration time:	10 ms
Fall back time:	1.5 s for 20 dB 2.5 s for 40 dB
Scale range:	from -50 dB to 5 dB
Scale marks:	-40, -30, -20, -10, -6, -3 dB

Headroom segments:	0 dB to +5 dB
Scale length:	150 mm
Display segments:	301 segments/channel
Colour of display:	to 0 dB orange, to +5 dB red
Measuring accuracy:	\pm 0.3 dB in the range of -10 dB to +5 dB \pm 1.0 dB in the range of -40 dB to -10 dB

Items delivered

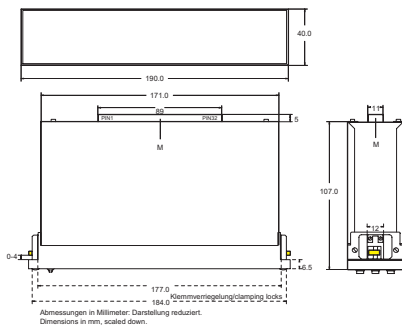
Peakmeter 1108E:	• horizontal scale and vertical scale which is fitted underneath (sandwich) • counter plug (DIN 41612/C) • operating manual
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Order number: 1108E

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DIMENSIONS



CONNECTION

The meter is connected up using a 32-pin female connector (counter plug, DIN 41612/C). This connector is wired as follows (view to the solder side of the counter plug):



pin 1:	audio input (+), upper or left display column (CH I)
pin 3:	audio input (-), upper or left display column (CH I)
pin 7:	audio input (+), lower or right display column (CH II)
pin 9:	audio input (-), lower or right display column (CH II)
pin 13:	external control +20 dB
pin 15:	external control memory reset
pin 17:	external control memory display
pin 19:	common ground for external controls
pin 22:	case
pin 24:	-15 V for symmetrical power supply
pin 26:	0 V (center) for symmetrical power supply
pin 28:	+15 V for symmetrical power supply
pin 30:	0 V for single power supply
pin 32:	+24 V for single power supply

COLORS

RAL 9011 graphite black

ACCESSORIES



19" - 1U mounting frame
Order no. 12991

19" - 1U mounting frame
Order no. 12992

19" - 1U mounting frame
Order no. 12961

Power pack and bracket
Order no. 1128H

Case including power supply
Order no. 1020E

Case without power supply
Order no. 1018

19" - 5U sub rack with power supply
Order no. 1125-10

Subject to technical changes without prior notice 10/2006

RTW

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