



Specifications:

	LY14100II	LY16100II
Calibrated measuring ranges	0,1 0,2 0,5 1 2 5 10 20 mV/cm 0,05 0,1 0,2 0,5 1 2 V/cm	
variable range expansion	up to 250% (sensitivity increase)	
zero line shift	over entire writing width + 150/-250%	
input impedance	1 MOHM	
max. source impedance	5 KOHM	
measuring accuracy	± 0,25 % / ± 10 µV	
temperature drift of zero line	approx. 0,1 uV/K mV-ranges	
max. input voltage	approx. 10 uV/K V-ranges	
max. voltage between “_” and ground	± 50V	
overload protection	± 50 V	
50 Hz suppression SMR	50 dB	
60 Hz suppression SMR	57 dB	
common mode rejection CMRR	130 dB at 1 KOHM	
paper size	DIN A3	DIN A4
useable writing area	280mm x 381mm	218mm x 310mm
pen type	HP pens	
paper hold-down	electrostatic	
stand by	upper right corner	
switching off servo units	indication via LED’s left/right and upper /lower side	
power supply	115/230 V 50/60Hz	
power consumption	12 VA /stand by 3 VA)	
security class	I as per VDE 0411	
max. writing speed	X-axis 80 cm/s, Y-axis 100 cm/s	
balancing time	X-axis 0,33 s, Y-axis 0,32 s	
cut-off frequency (DIN)	X-axis 1,6 Hz – 3 dB Y-axis 2,7 Hz – 3 dB	
time base of X-axis		
principle of function	analog integrator	
sweep speed	50 20 10 5 2 1 0,5 0,2 0,1 s/cm	
controls	Start-button, Reset-button automatic reset at end of range	
accuracy	max. 1 %	
dimensions mm (WxHxD)	477 x 148 x 444	382 x 148 x 387
weight	approx. 8 kg	approx. 7 kg