

## GE8100 - GE8115

### Differential Probes

#### Specifications

	GE8100	GE8115
<b>Input</b>		
Range (max. differential voltage)	± 70V in x20 ± 700V in x200	± 150V in x100 ± 1500V in x1000
Nominal voltage (related to earth)	± 600V eff.	± 1000V eff.
Input impedance	8Mohms - 1,2pF	60Mohms - 1,5pF
Attenuation	x20 or x200	x100 or x1000
Accuracy	± 3%	± 3%
Bandwidth (-3dB)	30MHz in x20 40MHz in x200	20MHz in x100 30MHz in x1000
Rise time	12ns in x20 9ns in x200	17ns in x100 12ns in x1000
<b>Output</b>		
Output level (with 1Mohms load)	± 3,5V max.	± 1,5V max.
Output impedance	50 Ω	50 Ω
Noise	< 2mv peak	< 2mv peak
Common mode rejection ratio (CMRR)	> 70dB in DC > 50dB to 1 MHz	> 70dB in DC > 50dB to 1 MHz
Output cable	coaxial, 50ohms, BNC (male)	coaxial, 50ohms, BNC (male)
<b>Power supply</b>		
Battery	9V - 6F22 (alkaline)	9V - 6F22 (alkaline)
Autonomy	20h (typical)	18h (typical)
Automatic power-off	after 10mn	after 10mn
External power supply	12V DC / 30mA	12V DC / 35mA
<b>General specifications</b>		
Safety (IEC1010-2-031)	CAT III - 600V	CAT III - 1500V
Operating temperature	0°C to 40°C	0°C to 40°C
Storage temperature	-10°C to 60°C	-10°C to 60°C
Dimensions	157 x 60 x 26 mm	157 x 60 x 26 mm
Masse	180g	300g

#### Capabilities

- ±700V or ±1500V differential input voltage
- Battery operated or main adapter (optional)
- Very high safety level: CAT III
- Can be used with any oscilloscope of the market
- Automatic power-off



**Optional accessories:**  
Main adaptor: 207195104  
BNC / Banana adaptor: 7047-IEC



FT GE81XX A 00 - Specifications can be updated without notice

**For assistance and ordering**

# Sefram



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