A200-1 set

Optical Fiber Probe 1-Channel, 500 kHz



Short description

The A200-1 set consits of a sensor, which allows for oscilloscopically displaying analog signals under EFT/ESD/RF interference potential free. Disturbed signals can be easily detected. In the device under test the sensor transforms the measured analog signals into optical signals. The optical signals are transmitted via a fiber optical cable to the optical receiver which transforms them into electrical signals. These can be seen with an oscilloscope or can be used for controlling other devices. The system is suitable for monitoring a device under test in an anechoic chamber or for EMC optimizing of hard- and software.

Scope of delivery

1x AE 200, Optical Receiver
1x AS 200, Optical Sensor (50 / 10) V DC
1x LWL Ø 2.2 mm 1.5 m, Optical Fiber Single 1.5 m
1x NT FRI EU, Power Supply Unit
1x A200-1 acc, Accessories
1x A200-1 case, System Case
1x Analog m, User Manual

Sales Partner:
ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada
absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

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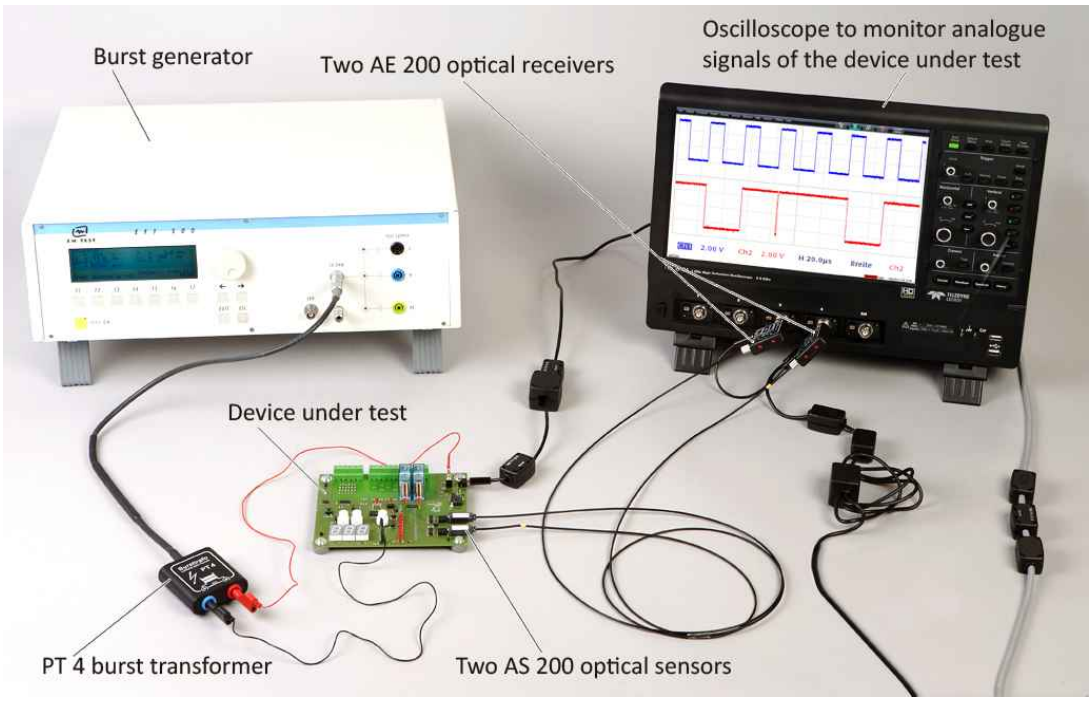
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Technical parameters

Bandwidth	DC ... 500 kHz
Sampling rate	3 Msps
Resolution	12 Bit
AE 200 Optical Receiver	
Bandwidth	DC ... 500 kHz
Voltage range - output	0 V ... 10 V
Optical input: Optical fiber	Ø 2.2 mm
Supply voltage	12 V ... 16 V
Current input	≈ 100 mA
AS 200 Optical Sensor	
Bandwidth	DC ... 500 kHz
Measuring range	0 V ... 50 V / 0 V ... 10 V DC (switchable)
Input resistance	100 kΩ
Radiated immunity	> 100 V/m
Supply voltage	3 V ... 16 V
Current input	≈ 30 mA
Optical fibre length	1 m ... 20 m

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Application with Set AS200



Application with optical sensor AS200



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