

User Manual

Description

The Fnirsi P6100 is an oscilloscope probe designed for precise signal measurements in daily electronics work.

It features a wide bandwidth, two attenuation modes, and robust electrical characteristics, making it suitable both for repair services and hobbyist workshops.

Intended Use

For safety and certification reasons, the product may not be dismantled or altered in any way. If the product is used for purposes other than those specified, it may be damaged. Moreover, use inconsistent with the intended purpose may present safety hazards. Thoroughly read the user manual and retain it for future reference. Safety instructions contained within the manual must be read and strictly followed.

1. This product is not a toy. Keep it out of reach of children and animals.
2. Protect the product against extreme temperatures, direct sunlight, strong vibrations, high humidity, moisture, flammable gases, vapours and solvents.
3. Do not expose the product to mechanical loads.
4. If safe operation is no longer possible (the product is damaged or not functioning correctly), discontinue use and secure the product to prevent reuse.
5. Handle the product with care. Shocks, impacts or dropping the product may cause damage.
6. In the event of any doubts concerning operation or safety, please consult a qualified specialist.
7. Should you have any questions not addressed in this manual, please contact our customer service department (email: hurt@innpro.pl, website: <https://innpro.pl/>) or consult a qualified specialist.

Specification:

Manufacturer: Fnirsi

Model: P6100

Bandwidth: DC–6 MHz (1X mode), DC–100 MHz (10X mode)

Attenuation ratio: 1:10

Input capacitance: 1X: 85 pF–120 pF, 10X: 18.5 pF–22.5 pF

Compensation range: 10 pF–30 pF

Rise time: < 3.5 ns

Operating voltage: 1X: < 200 V DC + AC (peak), 10X: < 600 V DC + AC

Cable length: 120 cm

Operating temperature range: -10°C to +50°C

Storage temperature range: -20°C to +75°C

Humidity: ≤ 5% (relative humidity)

Weight: 80 g

Colour: grey-black

Manufacturer:

Shenzhen FNIRSI Technology Co., Ltd.

8F, Weihuada Industrial Park, C Building West, Li Rong Road, Da Lang Street, Longhua District 518109, Shenzhen China

toby@fnirsi.com

Responsible Party

ALTWAY (PL) Limited Liability Company

212 Grunwaldzka Avenue

80-266 Gdańsk Poland

bok@altway.pl

Importer:

INNPRO Robert Błędowski sp. z o.o., ul. Rudzka 65c, 44-200 Rybnik, Poland

Tel. +48 533 234 303

hurt@innpro.pl

www.innpro.pl

Environmental Protection



Used electronic equipment marked in accordance with the European Union directive must not be discarded with other municipal waste. It is subject to selective collection and recycling at designated locations. By ensuring its correct disposal, you prevent potential adverse effects on the natural environment and human health. The collection system for used equipment complies with locally applicable environmental regulations relating to waste disposal. Detailed information on this subject can be obtained from the local authority, the waste management department, or the store where the product was purchased.



The product complies with the requirements of the New Approach directives of the European Union (EU), relating to user safety, health protection, and environmental protection, which specify hazards that must be identified and eliminated.

This document is a translation of the original user manual produced by the manufacturer.

Detailed information regarding the distributor's/manufacturer's warranty terms is available on the website <https://serwis.innpro.pl/gwarancja>

The product must be regularly maintained (cleaned) either by the user or through specialised service centres, at the user's expense and responsibility. In the absence of information concerning required cyclical maintenance or servicing actions in the user manual, the physical condition of the product should be assessed regularly, at least once per week, to detect any deviation from the condition of a physically new product. In the event of detection or identification of any deviation, maintenance (cleaning) or servicing measures must be urgently undertaken. Failure to perform proper maintenance (cleaning) and respond promptly upon detection of deviations will result in permanent damage to the product. The guarantor accepts no liability for damage resulting from negligence.