

Type de produit : Oscilloscopes Analyseurs enregistreurs
Nom des produits : OX 7202 BUS & OX 7204 BUS

New products in the SCOPIX® III family: 2 SCOPIX BUS models for field bus integrity testing

Acknowledged for excellent performance in the field, with high-level specifications and ergonomics, the SCOPIX® III range from METRIX® now includes 2 new models dedicated to field bus integrity testing.



Oscilloscopes, multimeters, analysers and recorders: the **SCOPIX® III** models remain highly versatile. The new stand-alone **SCOPIX BUS** models, with 2 or 4 channels and 200 MHz bandwidth, allow you to **test the integrity of your field buses**. This function can be used to perform the electrical measurements needed to assess the integrity of field buses, or in other words, the operation of the physical layer (electrical specifications, synchronization, etc.), according to the applicable standards.

The applications covered by the SCOPIX BUS models are useful in a wide range of sectors: industry, the automotive sector, automation for industrial and business buildings

(building automation), medical sector, etc.

From maintenance on automated systems, processes and electronic equipment, through to vehicle communication system testing, the SCOPIX BUS models are particularly simple to use.

3 steps are all it takes to test the signal transmission quality. Simply select the type of bus to be tested and the corresponding standard in the drop-down menu. **14 buses** (KNX, DALI, CAN, LIN, FlexRay™, AS-i, Profibus®, RS-485, RS-232, ETHERNET, etc.), **21 configurations** and **several protocols** (IP, TCP, Modbus, Profinet, etc.) are already integrated in the SCOPIX BUS. It is also possible to create new buses and configurations with the associated SX-BUS software.

The measurement results are displayed in the form of coloured **pictograms**. Constantly available and particularly useful, the **eye diagram** can be used to check and assess the digital transmission quality at a glance: noise, distortion and jitter.

The SCOPIX BUS models offer connection assistance according to the bus to be tested by displaying the corresponding wiring diagram. The HX0190 and HX0191 boards available as options also simplify connection as they are equipped with SUBD9, RJ45 or M12 connectors or 8-wire screw connectors. A **"Bus Analysis" booklet** includes a comprehensive table of the diagnostics by type of bus, with step-by-step guidance for users.

Ultra-compact, with ergonomics designed for use in the field, the SCOPIX BUS models have a storage capacity of 1 MB, with an **additional 2 GB possible on SD card**. The SCOPIX BUS models are also equipped with communication capabilities: µSD, USB, Ethernet, Web server, FTP server/client, etc.

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