

## Point resistance level indicator JBP-BOS



**Intrinsically safe resistance  
indicator JBP - BOS - X**

**For separating JB circuits  
from power environment circuits**

**Intrinsically safe resistance  
indicator JBP-BOS**

### **Advantages:**

- ✓ **Two independent systems (channels) in one module**
- ✓ **Scanning of binary information of intrinsically safe circuits**
- ✓ **Easy mounting on a DIN rail**
- ✓ **Possibility of assembly with one or more BOS-01 modules**
- ✓ **ATEX certified**

The intrinsically safe resistance level indicator JBP - BOS - X is intended for the separation of JB circuits from power circuits in an environment with a risk of methane and coal dust explosion in mines. The construction of the device is in a fixed end, the terminal block has a secured design in the combined end and an intrinsically safe end.

The device consists of an explosion-proof electronics cabinet which is composed of two explosion-proof enclosures and one or two BOS-21 units in the instrument compartment on a DIN 35 rail, metal partition and protective, network, instrument fuses FU 1 and FU 2.

*Important note: Technical parameters of the V210519 may be changed. Please contact us for further technical advice and tailor-made solutions.*

## Point resistance level indicator BOS-21 evaluation unit



**BOS-21 module unit**

The BOS-21 module unit is housed in a compact housing with mounting on a DIN 35 mounting rail.

The module contains two independent systems (channels) A and B. The channel of the module closes the output relay when the input is bridged by a resistor 0 to (X) KW according to the setting.

If required, delayed feed, delayed feed, delayed feed and drain (approx. 5 sec.) Or the immediate function of the output relay can be selected for both channels.

Modular level indicator BOS-21 (point resistance level indicator) can be used for various functions in electrical circuits of automated processes, switching, blocking, level control, signaling and the like

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