

## Measuring instruments 9604 / 7204 / 9620



Measuring instrument 9604



Measuring instrument 7204



Measuring instrument 9620

### Device characteristics

- Dimensions: 72 x 72 mm (7204) or 96 x 96 mm (9604 / 9620)
- Version S: increased protection against shock and vibration
- Colour of scale: white, imprint: black

### Product description

The analog measuring instruments of the 9604 / 7204 series are designed for indication of measuring values provided by BENDER devices equipped with the appropriate output. These are for example A-ISOMETERS® and residual current monitors RCM / RCMA.

### Measuring instruments for A-ISOMETERS®

Please consider the internal resistance of the respective insulation monitoring device. The internal resistance must be equal to the scale centre point (e. g. 120 kΩ). The scales are available with hairline graduation or sector graduation.

### „Standard“ version

The enclosures are made of polycarbonate, which is self-extinguishing and of non-melting material according to UL94V0. For save-spacing arrangement, several instruments can be installed „closely together“ without spacers. Connection is made via hexagon head bolts with spring-loaded terminal clamps. The enclosure is delivered with connection protection against accidental contact according to BGV A2.

### „S“ version

The measuring instruments of the „S“ series are designed to meet the requirements of rough service conditions, e. g. for use on ships.

### Technical data

|                                  |                     |
|----------------------------------|---------------------|
| Test voltage                     | 3 kV                |
| Accuracy class acc. to DIN 43780 | 1.5                 |
| Position of normal use           | vertical, +5 degree |
| Temperature range                | -25 °C ... +40 °C   |

### Protection class acc. to DIN 40050

|  |      |
|--|------|
| Enclosure  | IP52 |
| Terminals  | IP00 |
| Terminals with protection against accidental contact | IP20 |

### Ordering details

| Type       | Display range | Dimensions | Art. No.  |
|------------|---------------|------------|-----------|
| 7204-1421  | 0 ... 400 uA  | 72 x 72 mm | B 986 763 |
| 9604-1421  | 0 ... 400 uA  | 96 x 96 mm | B 986 764 |
| 7204S-1421 | 0 ... 400 uA  | 72 x 72 mm | B 986 804 |
| 9604S-1421 | 0 ... 400 uA  | 96 x 96 mm | B 986 784 |
| 9620-1421  | 0 ... 20 mA   | 96 x 96 mm | B 986 841 |
| 9620S-1421 | 0 ... 20 mA   | 96 x 96 mm | B 986 842 |