

# REMOTE 2000

STANDARD DISPLAY AND CONTROL DEVICE FOR  
CABLE PRODUCTION LINES



REMOTE 2000

**SIKORA**  
Technology To Perfection

## Standard display and control device

# REMOTE 2000

SIKORA offers complimentary to its state-of-the-art measuring and testing devices compatible indicator and control systems. The REMOTE 2000 is an advanced processor-based display and control unit for cable production lines. It is perfectly suitable for panel mounting or for installation on the gauge head support. Moreover, REMOTE 2000 serves as a decentralized universal device for all SIKORA diameter measuring systems (LASER 2000 XY, LASER 2000 T, LED 8000 XY, CV-INTUBE 6000). The display of the measuring values is on a five-digit 0.8" (20 mm) high clear LED-Display.

For applications requiring continuous automatic control of

the line speed or the extruder rpm the REMOTE 2000 is offered with the control module SET POINT 08. Optionally, a length-related print out record of the measuring values as well as statistical data.

The REMOTE 2000 provides an interface, to support a connection to an external PC for data gathering or PLC line control operations. Optionally, this port supports the report printer.

To increase operator ease of use, a product library is available for the REMOTE 2000 for up to 50 cable types. Nominal values and tolerances can easily be recalled for the control of the line.

### In good company:

#### LASER 2000 in combination with REMOTE 2000

For use with the XY or triple-axis measuring devices of the LASER 2000 series the REMOTE 2000 meets highest demands for quality control and precise diameter control. The average diameter value is clearly presented on a large bright LED display. The average diameter value or the display of the ovality can be input via a control keypad. The keypad with its large-scale, waterproof numeric and function keys offers optimum operating comfort for the input of nominal values and tolerances. With the function keys and the alpha numeric display, integrated in the keypad, the handling is clear and easy. The REMOTE 2000 system in combination with the control module SET POINT 08 automatic control of the line speed or extruder rpm during the production is provided in a cost effective package.



REMOTE 2000 displaying a measured diameter value

**Breakdowns detected and controlled in time:  
SPARK 2000 in combination with REMOTE 2000**

For use with the SPARK 2000 for the detection of insulation breakdowns, the REMOTE 2000 is perfectly suited. Parameters like the nominal testing voltage can be entered easily. User-friendly symbols and numeric displays clearly show the current testing voltage and the number of breakdowns.



*REMOTE 2000 showing a nominal testing voltage*

**Economic unit:  
LUMP 2000 in combination with REMOTE 2000**

In combination with a LUMP 2000, the REMOTE 2000 shows the number as well as the type of faults. Different symbols inform the operator if the fault is a lump or neck down. The operator has also the possibility to view previous faults.



*REMOTE 2000 displaying a detected neck down and the size of the fault*

**Capacitances displayed:  
CAPACITANCE 2000 and REMOTE 2000**

In combination with the capacitance measuring device CAPACITANCE 2000 the REMOTE 2000 clearly presents the capacitance measuring values as a decentralized display device.

## TECHNICAL DATA REMOTE 2000

<b>Measuring value display:</b> Digital, 5-digit e.g. 00.000 ... 1.0" (25 mm) 000.0...500.0 pF/m 00.0...15.0 kW	<b>Interface:</b> RS 485, RS 232
<b>Display update:</b> Programmable, factory setting 1/ sec.	<b>Analog output:</b> 0 to 10 V, deviation output if not used for control
<b>Nominal value-/ Tolerance selection</b> Via key pad (operation via a 4-digit LED-display)	<b>Power supply:</b> 100 to 240 V, $\pm 10\%$ , 47 to 63 Hz, 10 VA
<b>Product storage:</b> Up to 50 cable types, comfortable programming via the diagnosis software	<b>Permissible environs temperature:</b> 40 to 120 °F (+ 5 to + 50 °C)
<b>Tolerance message:</b> a) in clear text on LED-display b) dry contacts	<b>Dimensions:</b> 4.7" x 4.7 x 1.6" ( 120 x 120 x 40 mm) (width x height x depth) without plug

Technical data is subject to change

Fulfills the requirements of  
DIN EN ISO 9001:2000



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