

## Yarn Quality Monitoring Systems and Equipment

# OLMKN

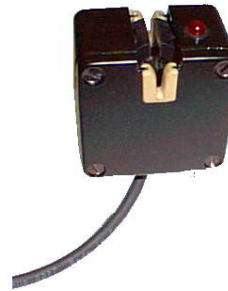
meiners-del

### Node Count and Space Monitoring

For Sample Knitting Machines



Signal Processing Unit



Standard Sensor

The meiners-del OLMKN is an entanglement counter designed for use on sample knitting machines. The system consists of an electronic unit and a non-contact sensor, the sensor is the same as the meiners-del OLM2 sensor and gives reliable and trouble free service. The electronic unit has a keypad, four-line LCD display and a built in 40-column printer. The keypad allows the operator to enter data related to the tests and to start the cycle of measurement. The cycle of measurement may also be controlled by an external signal that may be given to the unit. This signals the unit that the cycle is starting and when a new package is being fed into the knitter. At the end of each measurement period the results are shown on the display and are printed. Any values below an acceptable entanglement count are marked with an asterisk. A signal is also sent from the unit to show out of limit count has been measured.

#### Parameters that can be entered for test:

- Number of Packages to be tested
- Yarn Speed
- Measurement time
- Date
- Time
- Batch Number
- Operator
- Count Limit
- **Optional software available for data analysis**

#### Technical Specifications

- Supply voltage 100-260 V 50/60 Hz
- Package Change signal, internal opto- isolator 5 - 24V DC
- Out of limits output normally open contact 240V 5A Resistive
- Yarn denier 10 to 2500 with standard sensor. 2500 to 15000 sensor available
- Yarn speed range 50-8000 Metres per minute
- Count accuracy 2 counts per Metre
- Sensor dual axis infra red

meiners-del Limited, Welkin Road, Bredbury, Stockport, Cheshire SK6 2BH England  
Tel: ++44 (0)161 406 6930 Fax: ++44 (0)161 406 6929 Email: [sales@meinersdel.com](mailto:sales@meinersdel.com)