

## Yarn Quality Monitoring Systems and Equipment

# OLM2NYQ

meiners-del

### Node and Yarn Quality Monitoring

On-Line Quality Control System



Signal Processing Unit



Standard Sensor

- Each signal processing unit monitors upto 8 thread lines for Node Count / Average Node Space / Maximum Node Space / Yarn Quality
- Yarn Quality is represented by a 'value' normally related to the yarn denier. This 'value' alters for a variation of either yarn denier, yarn tension or spin finish.
- Monitors yarns upto speeds of 5000 Metres per minute
- Signal processing units are configurable for RS485 Network or RS232 communication
- 30 Units on one single RS485 Network
- Voltage and/or Current output option available
- Compact sensor design with two infra red light beams producing an excellent yarn profile
- Standard sensor yarn denier range of 10 to 2500, minimum thread spacing of 11mm
- Sensor also available for yarn deniers of 2500 to 15000
- Standard sensor cable length of 5 Metres, extension leads also available
- Requires a 15V DC supply @ 2A (for each 8 position unit)
- Sample software provided to run RS232 communication mode
- Full software production facility available
- Alarm warning of sensor failure or contamination
- Outputs provided from each unit for machine 'Stop' or warning light illumination

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)