

# BFD2

meiners-del

## Broken Filament Detector 2

On-Line System with RS232 and RS485 Network communication



Control Unit



Standard Sensor

- Each control unit monitors upto 8 thread lines for broken filaments 'On-Line'
- Detects broken filaments at speeds of 5000 Metres per minute
- Control Units configurable for RS485 Network or RS232 data communication
- 30 Control Units on a single RS485 Network
- Complete compatibility with earlier models of the BFD. Direct replacement possible
- Digital Outputs for detected broken filaments and sensor contamination/failure Alarm
- Comes complete with sample software to run in RS485 or RS232 communication mode
- Compact sensor design using infra red technology
- Minimum thread line spacing of the standard sensor is 15mm
- Standard sensor cable length of 3 Metres
- 'Special' sensor design facility for individual requirements
- Requires 24V DC Supply @ 0.5A (for each 8 position control unit)
- Intelligent (adjustable) Electrical Noise rejection circuit to eliminate false counts
- Sensor test points for easy of calibration
- Maintenance tools available for Sensor Testing and Test Point Monitoring
- 'D' Type connector for connection of the meiners-del Test Point Tester
- LED Indication of Sensor Condition (Optional) **or**
- LED Indication of Broken Filament Detection and Sensor Alarm Status (Optional)
- External connectors fitted to the Control Units for Power and Output (Optional)
- Full software production facility available