



# Application - News

## N°152 SPECTRO-3 series

### 1. Detection of fluorescent cured glue on a shaft

On a shaft fluorescent glue is used to seal the intersection between the shaft and a roll. Therefore a UV fluorescent sensor type **SPECTRO-3-FIO-UV** in connection with an optical fiber type **R-S-A2.0-(2.5)-1200-Y-22°/67°-UV**, an optical front-end type **KL-M34-A2.0** and an external UV lightning unit type **ELS-UV-1P** (formerly SPECTRO-3-ELS-UV) are used. The distance of the KL-M34-A2.0 to the cured glue is approximately 50 mm. The spot size at this distance is around 8 mm. As shown in the screen shots a proper differentiation between the sealed and the unsealed roll is possible.

