



# Application - News

## N°97 SPECTRO-3 series

### 1. Presence control of felt textile on dashboard components

On dashboard instruments the presence of felt must be controlled furthermore two felts must be differentiated. For this application a color sensor type **SPECTRO-3-FIO-CL** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** with an optical frontend type **KL-8-R2.1** is used. The distance of the optical frontend to the felt and the plastic surface is approximately 15 mm.

At this distance the spot size is about 6 mm x 1 mm. As shown in the screenshots a proper differentiation between plastic surface and felt as well as between gray felt and black felt is given.

