

Application - News N°480 SPECTRO-3 series

Instruments

1. Direction control of metal pins

The direction of metal pins should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-SL** in connection with an optical fiber type **D-S-R2.1-(6x1)-1200-67°** and an optical frontend **KL-8-R2.1** at the transmitter side will be used. At this, the **KL-8-R2.1** is arranged at an angle of 40° to the vertical axis and the distance to the metal rod surface is approximately 11mm. The receiver is mounted at the opposite side at an angle of -40° and the distance to the metal pin is around 11mm, too. The direction of the metal pins can be proper detected as shown in the screen shots.













