



1. Stamping mark presence control on metal wires

The presence of stamped small lines should be controlled on a copper colored metal wire. For this purpose a color sensor type **SPECTRO-3-FIO-SL** in connection with an optical fiber **R-S-R1.1-(3x0.5)-1200-67°** and an optical frontend type **KL-5-R1.1** are used. At this, the distance of the frontend to the metal wire is approximately 11mm and the spot size at this distance is around 2mm x 0.3mm. The long axis of this rectangular spot is directed perpendicular to the transport direction of the wire. As shown in the screen shots, the stamping marks can be detected properly.

