



1. Detection of a photosensitive stripe on a metal plate

A photosensitive stripe should be detected on a metal sheet. At this lighting sources which are working in the visible range cannot be used. Thus an infrared lighting source type **ELS-IRL-FIO** in connection with an infrared sensor type **SPECTRO-1-FIO-IR** as well as an optical fiber type **R-S-A3.0-(3.0)-1200-67°** and an optical frontend type **KL-M18-A3.0** are used. The distance from the IR lighting source to the object is approximately 30mm and the distance from the object to the receiver frontend around 20mm. The photosensitive stripe can be proper detected as shown in the screen shots.

