



1. Detection of black and gray lacquer coat on metal part

In the ϵx – zone of a spray chamber uncoated metal parts should be differentiated from black and gray metal parts. For this purpose a color sensor type **SPECTRO-3-FIO** in connection with an optical fiber type **R-S-A2.0-(2.5)-2000-67°** and an optical frontend type **KL-D-2.5°** are used. The distance from the optical frontend to the object is around 150mm and the spot size at this distance approximately 12mm.

