



1. Color measurement of the insulation of cables

The color of the insulation of electrical cables should be inline measured. For this purpose a color measurement sensor type **SPECTRO-3-FIO-MSM-ANA** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-67°-(1P+1BP)/2P** and an optical frontend type **KL-9-A3.0** will be used. The distance from the optical frontend to the insulation of the cable is approximately 11 mm and the spot size at this distance is around 1.5 mm in diameter. The color of the insulation can be proper measured as shown in the screenshots.

