



### 1. Laser reflex sensors SPECTRO-1-CONLAS and SPECTRO-1-LAS-FE-CYL

The laser reflex sensor type **SPECTRO-1-LAS-FE-CYL** in connection with the control electronic type **SPECTRO-1-CONLAS** delivers a laser line with a certain divergence. The frontend **SPECTRO-1-LAS-FE-CYL** is used in connection with a reflective film or with a reflector. Due to the fact, that the laser light is polarized and additionally the receiver is equipped with an optical polarization filter, the influences on the signal from ambient light will be suppressed. The laser line has along the horizontal axis (in parallel to the long axis of the FE housing) a divergence of around 60° and at the vertical axis a divergence which is less than 1mrad and a thickness of roughly 1mm. The reflective system is used to control the thickness of objects (diameter, height, etc.) at a certain distance.

