



1. Particle size measurement in a spray jet

The size of particles in a spray jet should be measured. For this purpose a transmitted laser light barrier type **A-LAS-M12-FOC-C-2m** in connection with a control electronics type **A-LAS-CON1** will be used. At this, the laser transmitter is focused at a distance of approximately 100mm and the laser spot size at this distance is around 80 µm. Furthermore, the transmitter to receiver distance is roughly 200mm. As shown in the screen shots, the size of single particles can be measured inside the particle stream, the signal depth informs about the size of the particle.

