

1. Optical frontends type KL-M34-XL-A... and KL-M34-XL-R...

The optical frontends type **KL-M34-XL-A...** and **KL-M34-XL-R...** are used if a small light spot at a big distance is required. Those frontends can be used at a distance of 80mm to 300mm from the object. The frontends can be used in connection with the standard FIO sensors from the SPECTRO-3 as well as from the SPECTRO-1 series except the SPECTRO-3-FIO-...-XL types. The following types are available:

- **KL-M34-XL-A1.1** (suitable for optical fiber **R-S-A1.1-...**)
- **KL-M34-XL-A2.0** (suitable for optical fiber **R-S-A2.0-...**)
- **KL-M34-XL-A3.0** (suitable for optical fiber **R-S-A3.0-...**)
- **KL-M34-XL-R1.1** (suitable for optical fiber **R-S-R1.1-...**)
- **KL-M34-XL-R2.1** (suitable for optical fiber **R-S-R2.1-...**)

