

1. Fluorescence detection sensor type

LUMI-MOBILE-FIO-SL-R/IR-M and LUMI-MOBILE-FIO-SL-R/IR-S

The fluorescence detection sensor type **LUMI-MOBILE-FIO-SL-R/IR-M** and **LUMI-MOBILE-FIO-SL-R/IR-S** in connection with an optical fiber type **R-S-A3.0-(3.0)-600-67°** or **R-S-A3.0-(3.0)-1200-67°** are used especially for time delayed secondary emission of IR light, excited from a primary red radiation (RED to IR time delayed light conversion – Stokes effect). At this, the time delay TAU (time constant) as well as the intensity INT of the secondary emission will be evaluated. For this purpose, the **-M** (master type) is used for the parameterization, whereas the **-S** (slave type) is used just for the control (the **-S** type is using the parameter file, generated from the **-M** type). Five individual parameter sets can be used on each device.

