

1. Fluorescence detection sensor type

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

The fluorescence detection sensor type **LUMI-MOBILE-FIO-SL-IR/IR-M** and **LUMI-MOBILE-FIO-SL-IR/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 IR radiation (IR to IR time delayed light conversion). 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.

