

**1. Two channel optical fiber sensor:  
SPECTRO-2-FIO-...**

The two channel optical fiber sensor type **SPECTRO-2-FIO-...** is available with different lightning sources as well as different receivers. Thus a range from the deep UV up to the MIR can be covered. Furthermore, with special optical fibers, an intensity compensated distance measurement can be realized ("twin cone principle") and additionally to this special types can be used for: moisture measurement in different objects with special IR-LEDs and receivers in the IR range; distance measurement of clear transparent glass with deep UV – light and special optical twin cone quartz fibers; movement control with a special fiber and the auto correlation principle; position control with the normalized signal of two receivers; spectral control with two different optical filters (from UV to IR); high speed measurement; direction control (cw or ccw, forward or backward movement) and many things more:



**SPECTRO-2-FIO-VIS/VIS, SPECTRO-2-FIO-UV/VIS, SPECTRO-2-FIO-UVC/UVC, SPECTRO-2-FIO-IR1IR2/IR, SPECTRO-2-FIO-IR/IR**

