

Product - News

N°5 SPECTRO-1 series



1. Contrast sensors for use with optical fibers: SPECTRO-1-FIO, SPECTRO-1-FIO-B, SPECTRO-1-FIO-R, SPECTRO-1-FIO-IR, SPECTRO-1-FIO-UV

The SPECTRO-1 superfast programmable contrast sensors

come with a switching frequency of approximately 150 kHz. There are two digital outputs (OUT0 and OUT1), two analog outputs (ANA 0V ... +10V and ANA 4mA ... 20mA) and a digital input INO available. The SPECTRO-1-FIO-... series can be combined with the FIO series. The SPECTRO-1-FIO sensor is equipped with a white light LED, whereas the SPECTRO-1-FIO-B delivers blue and the SPECTRO-1-FIO-R red light. The SPECTRO-1-FIO-UV sensor with an UV-LED, however, will be used in connection with fluorescent colors. There is also an external high power UV-LED SPECTRO-3-ELS-UV in connection with the SPECTRO-1-FIO-UV available. For photosensitive objects the SPECTRO-1-FIO-IR, which comes with an IR-LED, can be used.









