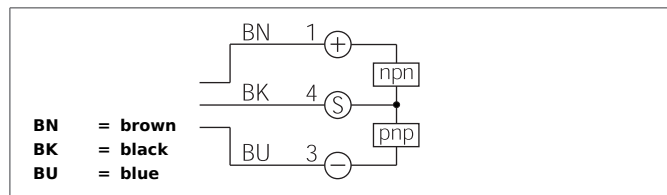


KSSTI 1000 G3K-TSSL

Capacitive Label Sensor



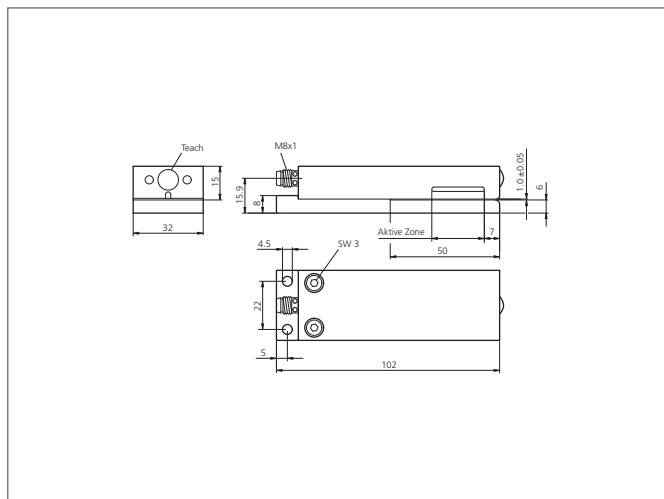
- Detection of transparent labels, double layers, bonding points, cracking points etc.
- Sensitivity adjustment via teach key
- Auto-teach during a running process
- Temperature and air humidity compensation
- Static functional principle
- Separated housing



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Operating principle		Capacitive
Fork opening		1 mm
Branch length inside		50 mm
Service voltage		10 ... 35 V DC
No-load current		< 70 mA
Sensitivity adjustment		Teach key
Switching output		Push pull, 200 mA, NO/NC, switchable
Switching hysteresis		material dependent
Label length		> 2 mm
Label interspace		> 2 mm
Label thickness		< 0,9 mm
Tape speed		< 500 m/min
Voltage drop		< 2,5 V
Readiness delay		< 150 ms
Ambient temperature, operation		0 ... +60 °C
Insulation voltage endurance		500 V
Protection class		IP 65
Casing material		Aluminium black anodized
Connection		Connector, M8, 3-poled
Connecting cable		TK ...