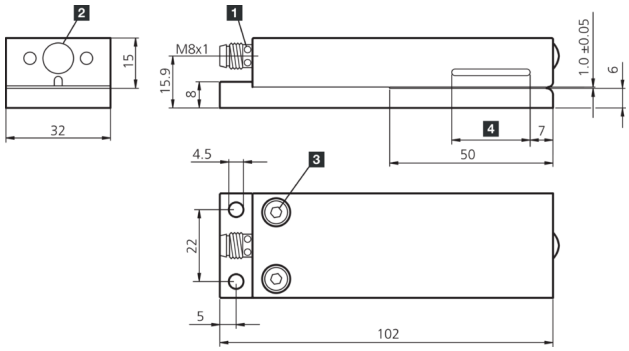
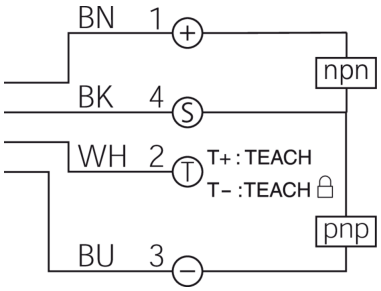
202981
KSSTI 1000 FG3K-TSSL
Capacitive label sensor

- Detection of transparent labels, double layers, glue points, cracks, etc.
- Sensitivity adjustment via teach key
- Auto-teach during a running process
- Remote teach option with key-lock function
- Temperature and air humidity compensation
- Static functional principle
- Separated housing





1) LED 4 x 90° (yellow)
2) TEACH key
3) Width over flats 3 mm
4) Sensing zone

BK: black BN: brown BU: blue WH: white

Function

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 … 35 V DC
No-load current (max.)	70 mA
Insulation voltage endurance	500 V
Leg length internal	50 mm
Housing dimensions	32 x 15 x 102 mm
Housing material	Aluminum (Black, Anodized)
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Switching output	Push-pull, 200 mA, NO/NC, switchable
Voltage drop (max.)	2,5 V
Fork opening	1 mm
Switching hysteresis (max.)	material-dependent
Label length	> 2 mm
Label interspace	> 2 mm
Label thickness	< 0,9 mm
Sensitivity adjustment	Teach button, Remote teach
Band speed (max.)	500 m/min
Readiness delay (max.)	150 ms
Ambient temperature during operation	0 … +60 °C
Protection type	IP 65
Connection	Connector, M8, 4-pin
Connection cable	TK … /4

More information / accessories	https://www.di-soric.com/202981

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