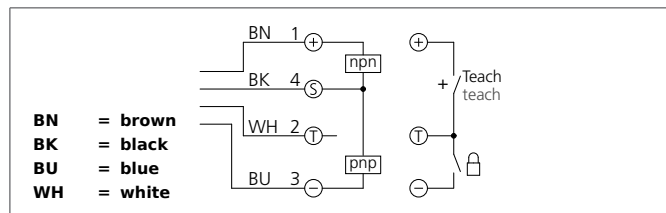# KSSTI 1000/80 FG3LK-AIBS
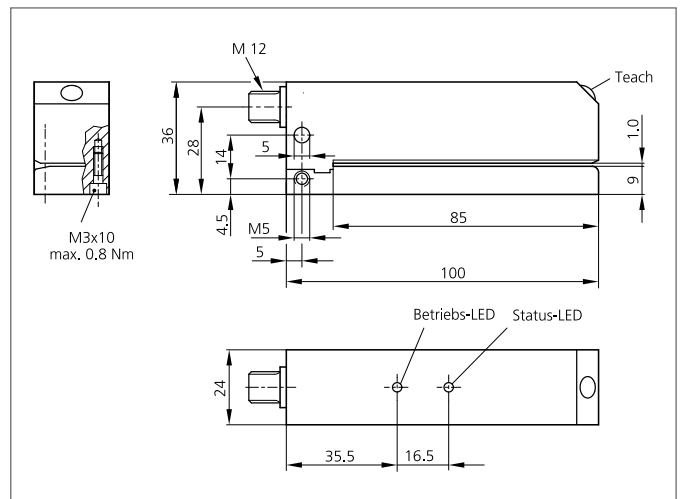## Capacitive Label Sensor

di-soric

- Detection of all, also metallized label materials
- Large slot depth for wide labels
- 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

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

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
Branch length	85 mm
Slot width	1,0 mm
Service voltage	10 … 35 V DC
Internal power consumption	< 70 mA
Sensitivity adjustment	Teach key + remote teach
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
Voltage drop	< 2,5 V
Ambient temperature	0 … +60 °C
Insulation voltage endurance	500 V
Protection class	IP 65
Casing material	Aluminium black anodized
Connection	Connector, M12, 4-poled
Connecting cable	VK …