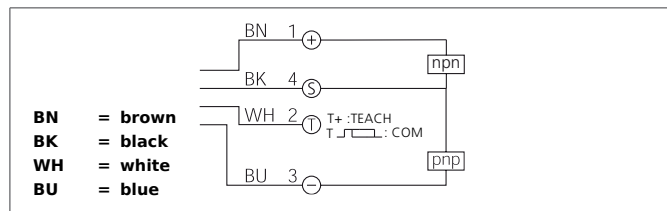# KSSTS 1000/80 FG3LK-IBS
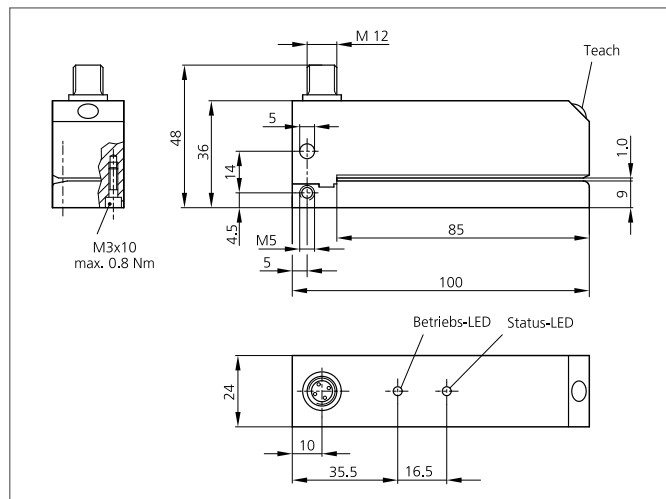# Capacitive Label Sensor

di-soric

- Integrated memory space
- 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 function
- Temperature and air humidity compensation
- Static functional principle
- Separated housing

CE

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

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
Characteristics	Integrated memory locations
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