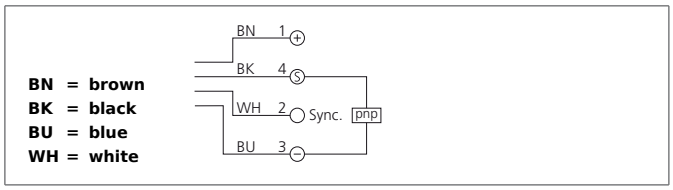
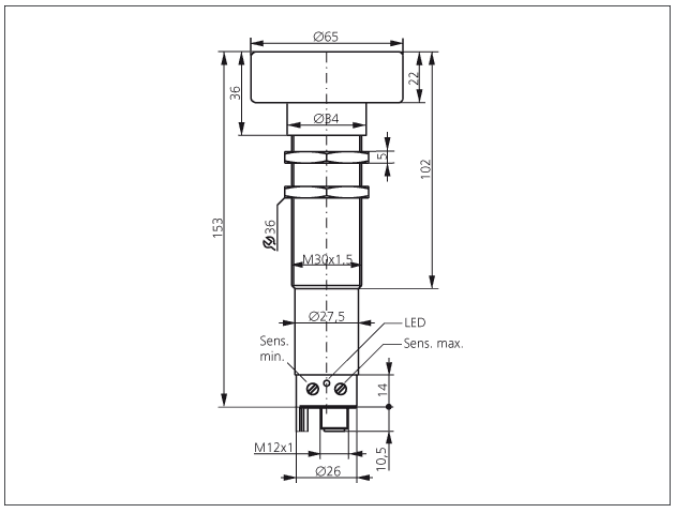
USC 30 M 6000 IPSK-BSL
Ultrasonic Sensor

- Integrated temperature compensation
- Operating mode ultrasonic diffuser or ultrasonic barrier settable via PC sensor interface (not included)
- Switching output
- Synchronisation/release input
- Scanning range adjustable via potentiometeror PC sensor interface
- Insensitive to dirt and ambient noise
- Metal casing
- High protection class





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.
Repair only by di-soric.

TECHNICAL INFORMATION	+20°C, 24V DC
Operating principle	Ultrasonic sensor, Ultrasonic barrier
Size	M30 x 1,5 (Gewinde)
Design	screw
Standardized measuring plate	100 x 100 mm
Service voltage	12 ... 30 V DC
Operating distance	600 ... 6.000 mm
Adjustment range	640 ... 6.000 mm
Switching output	Transistor pnp, 300 mA, NO
Operating frequency	80.000 Hz
Sensitivity adjustment	potentiometer
Internal power consumption	< 50 mA
Operating frequency	< 1 Hz
Response-/release time	0,4 s
Switching hysteresis	60 mm
Reproducibility	9 mm
Ambient temperature	-25 ... +70 °C
Insulation voltage endurance	500 V
Protection class	IP 65
Casing material	brass nickel plated
Material	PBTP (Crastin) (Transducer enclosure) epoxy resin (Transducer surface)
Connection	Connector, M12, 4-poled