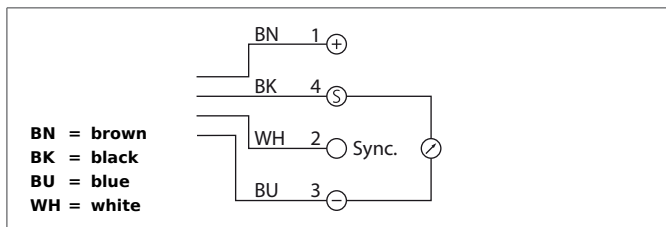


USC 18 M 300 I4/20-IBSL

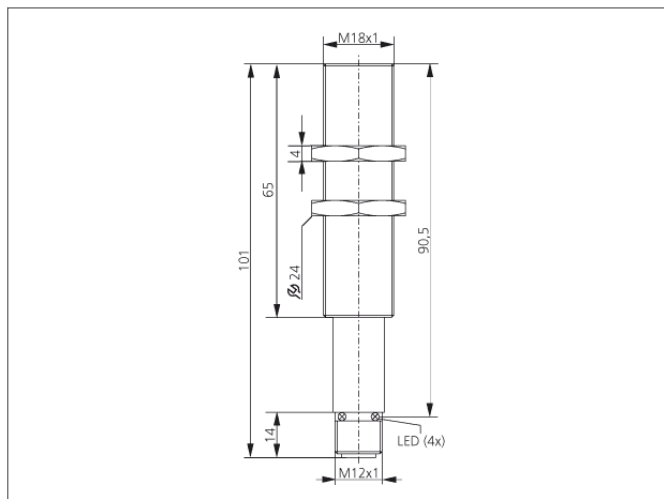
Ultrasonic Sensor

- Analog output
- Synchronisation/release input
- Scanning range adjustable via PC sensor interface (not included)
- Insensitive to dirt and ambient noise
- Small blind zone
- 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
Size		M18 x 1 (Gewinde)
Design		screw
Standardized measuring plate		10 x 10 mm
Service voltage		12 ... 30 V DC
Operating distance		50 ... 300 mm
Adjustment range		70 ... 300 mm
Analog output		4 ... 20 mA, Load / < 300 Ω
Operating frequency		400.000 Hz
Sensitivity adjustment		no setting elements
Internal power consumption		< 50 mA
Accuracy		2,5 %
Response-/release time		0,12 s
Switching hysteresis		10 mm
Ambient temperature		-25 ... +70 °C
Insulation voltage endurance		500 V
Protection class		IP 67
Casing material		brass nickel plated
Material		PBTP (Crastin) (Transducer enclosure) epoxy resin (Transducer surface)
Connection		Connector, M12, 4-poled