

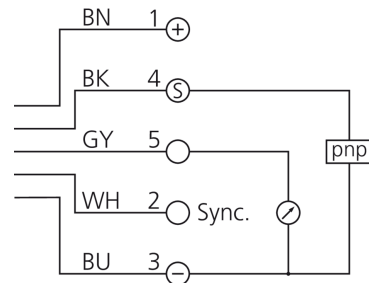
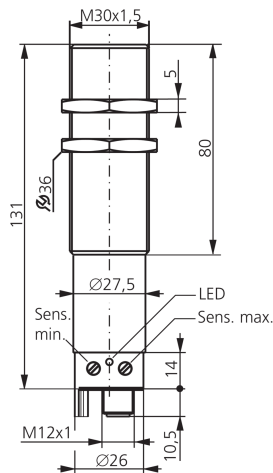


203257

USC 30 M 1300 I4/20PSK-BSL

Ultrasonic sensor

- Integrated temperature compensation
- Operating mode ultrasonic pushbutton or ultrasonic barrier can be selected via PC sensor interface (not included in the scope of delivery)
- Switching output and analog output
- Synchronization/release input
- Working range adjustable via potentiometer or PC sensor interface
- Insensitive to dirt and ambient noise
- Metal casing
- High protection type



BK: black
BN: brown

BU: blue
GY: grey

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	12 ... 30 V DC
No-load current (max.)	60 mA
Insulation voltage endurance	500 V
Thread	M30 x 1.5
Housing material	Brass (CuZn, nickel-plated)
Material	■ PBTP (Crastin, Transducer cover) ■ Epoxy resin (Transducer surface)
Protection class	III, operation on protective low voltage
Operating principle	Ultrasonic sensor, Ultrasonic barrier
Evaluation	digital, analog
Design	Thread
Switching output	pnp, 300 mA, NO
Analog output	4 ... 20 mA (Load / < 0.5 Ω)
Adjustment range	220 ... 1300 mm
Standardized measuring plate	20 x 20 mm
Switching hysteresis (max.)	10 mm
Accuracy	1.5 %
Reproducibility	2.0 mm
Sensitivity adjustment	Potentiometer

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Ultrasonic frequency

200 kHz

Switching frequency

< 4 Hz

Response time

120 ms

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 65

Connection

Connector, M12, 5-pin

Connection cable

VK ... /5

More information / accessories**<https://www.di-soric.com/203257>**