

US 30 M 200 PSK-IBS

Ultrasonic Sensor

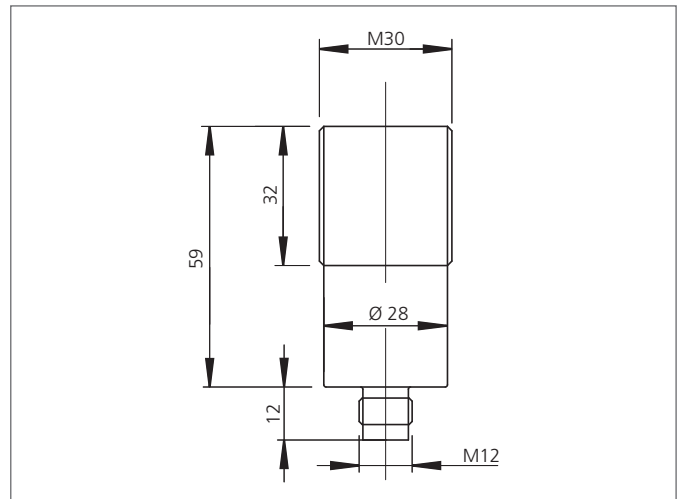
- Robust metal casing
- Short design
- Connector M12
- Fixed switching point
- Without blind zone
- Insensitive to dirt
- Insensitive to ambient noise
- Scanning does not depend on surface
- Value for money



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	Ultrasonic sensor
Evaluation	digital
Size	M30 x 1,5 (thread)
Design	screw
Service voltage	12 ... 28 V DC
Internal power consumption	45 mA
Operating distance	30 ... 200 mm
Switching point	200 mm (fixed)
Switching output	pnp, 100 mA, NO
Switching hysteresis	16 mm
Operating frequency	350.000 Hz
Switching frequency	15 Hz
Response-/release time	< 5 ms / < 40 ms
Reproducibility	< 1 % / Sn max.
Ambient temperature	-20 ... +50 °C
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	brass nickel plated
Connection	Connector, M12, 3-poled