



XX Software-configurable wide beam Ultrasonic Sensors



Wide angle ultrasonic sensor detection for mobile equipment

New and improved XX Ultrasonic Sensors from Telemecanique Sensors make reliable detection for mobile equipment “Simply easy!”

Detection over a large coverage area

With the newly designed PCB of the XX Ultrasonic Sensor, the width of the detection beam becomes much larger and can cover a greater area. When conditions require multiple sensors installed in close proximity to each other, the ‘synchronization’ feature of the new XX Ultrasonic sensors allows reliable detection of objects from each sensor with minimal risk of cross-talk.

Detection of obstacles in harsh environments

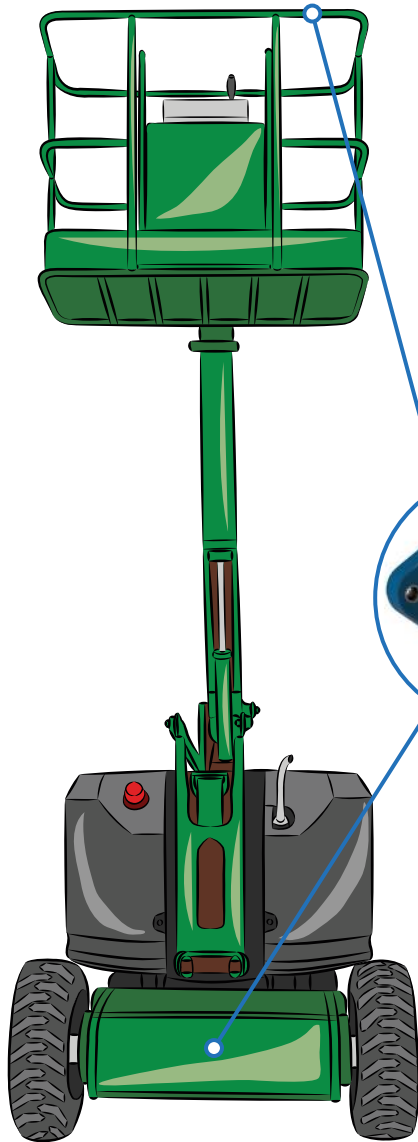
The XX Ultrasonic Sensor from Telemecanique Sensors comes in an anti-UV plastic housing and can operate in temperatures ranging from -40°C to $+70^{\circ}\text{C}$. These robust features, combined with its reliable, wide beam detection of obstacles, make it a virtually perfect sensor for mobile equipment.

Highly immune to electromagnetic interference

The new XX Ultrasonic Sensors from Telemecanique Sensors are also E2-certified for mobile equipment. This entails a higher immunity to electromagnetic interference even in the most demanding environments.

Simply easy!





E-certified for Mobile Equipment

- Better immunity against EMC interference.



“Echo-display” Troubleshooting tool

- See the real-time performance of the sensors for the optimal installation and maintenance.



Synchronization

- Ability to enlarge areas of detection using multiple sensors without cross-talk.



IP69K Rating

- High temperature and high pressure washdown
- On sensor face and housing



Wide angle detection

- 50° beam angle at 1.5 meters.

Features, Benefits & Characteristics

- Deutsch style, 6-pin connector
- Available in plastic
- High performance
- Synchronization capability
- Operating range: 3m
- Operating temperature: -40°...70°C
- Certification: CE
- Degree of protection: IP69k on face & housing
- Extra PNP output in proximity mode
- Noise alarm function

Part Numbers

Sensing distance	Analog Output	Digital Output	Connection	Reference
3m	0.5 - 4.5 V	PNP	0.15 cable + 6-pin Deutsch male connector	XXW54P3HPL01DM6
			0.5m cable	XXW54P3HPL05



XX Configuration Software

For advanced / custom sensor configurations, easy XX Configuration software is now available.

- Set near and far limits
- Adjust gain
- Filter out anomalies
- Configuration clone between sensors
- Diagnostic in real-time

For our complete selection of sensor solutions, visit www.tesensors.com

Schneider Electric Industries SAS

Schneider Electric / Telemecanique Sensors
1875 Founders Drive
Dayton, OH 45420
USA

www.tesensors.com

Due to the constant evolution of standards and equipment, the specifications indicated in the text and images of this document can only be guaranteed after confirmation by our departments. Print: Schneider Electric Photos: Schneider Electric

©2020 Schneider Electric. All Rights Reserved. Schneider Electric, OsiSense, and Telemecanique are trademarks and the property of Schneider Electric SE, its subsidiaries and affiliated companies. All other trademarks are the property of their respective owners.

12/2020 9006HO2001 R12/20