Sensor Solutions for Mobile Lift Applications





Telemecanique Sensors

Simply easy!

Simplicity



Expertise



Proximity



Telemecanique Sensors is a world-class global brand offering a comprehensive line of products with over 25,000 types of sensors, including limit switches, pressure sensors, photoelectric sensors and proximity sensors. In addition, we provide state-of-the-art RFID systems that are compatible with many PLC manufacturers.

Telemecanique Sensors has all the right agency approvals, such as UL, IEC, NEMA, CE, CCC, UL, CSA, and EAC.

Telemecanique Sensors is focused on three core values — Simplicity, Proximity, and Expertise. We have become experts in factory automation sensors as well as specialists in demanding applications, making our customers' lives "Simply easy!"

Innovation focus



The new, software-configurable XXW54 Wide Beam Ultrasonic Sensor is a highly effective way to avoid mobile equipment collisions, both on the ground and when boom or scissor lift platforms rise into the air. The newly designed PCB of the sensor expands the width of the detection beam so it can cover a greater area.



Detection over a large coverage area

• Emits a beam with a 50° angle up to 1.5 meters.



 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

 Anti-UV plastic housing allows operation in temperatures ranging from -40° C to $+70^{\circ}$ C.



Highly immune to electromagnetic interference

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



Truck loading cranes



XCMV or XCMD Limit Switch Compact body and modular head allows easy mechanical adaptation.

XMEP / XMLR / ZMLP Pressure Sensors / Monitor Compact and robust for reliable operation.

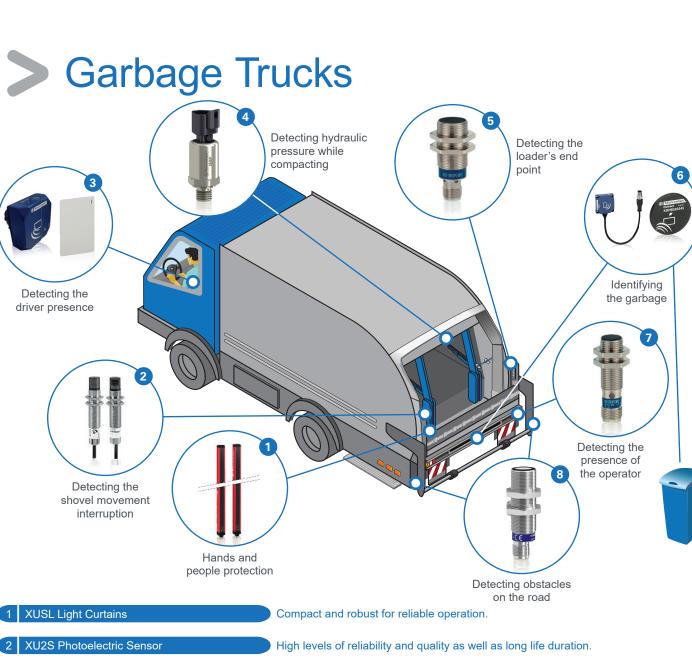
XS SIL2 Inductive Sensor Compact, robust, and increases level of safety.

XCKD Limit Switch & XCKZ05 Accessory Robust for increased resistance to the operating environment.

XS Inductive Sensor Easy installation and adjustment.







6 XG RFID Systems

Open for a free choice of electronic tags and networks.

XMEP Pressure Transmitter

Easy installation and adjustment.

7 XS Inductive Sensors

Simple set-up and maintenance.

XX Ultrasonic Sensors

E2-certified for Mobile Equipment with better immunity against EMC interference.

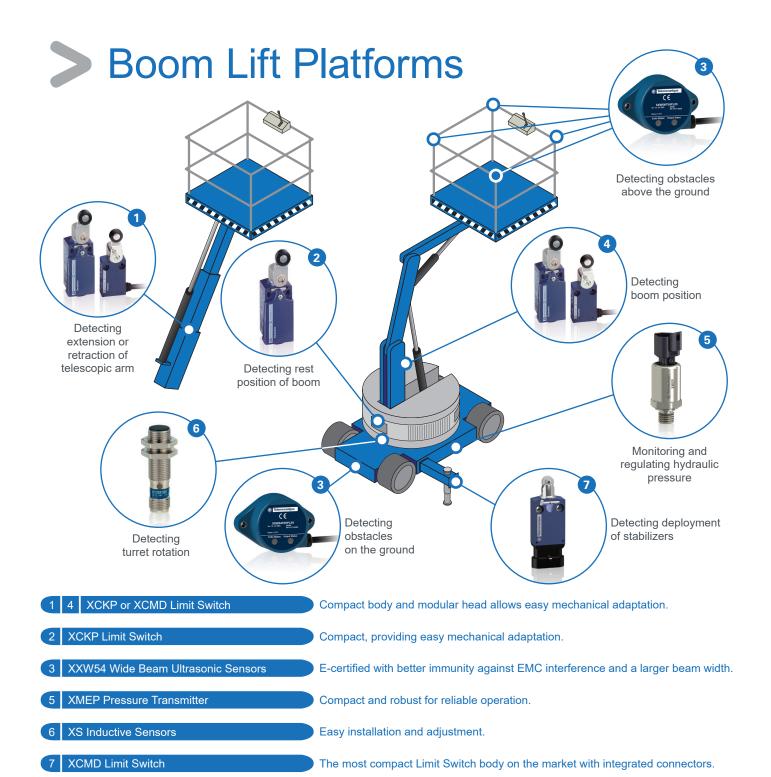






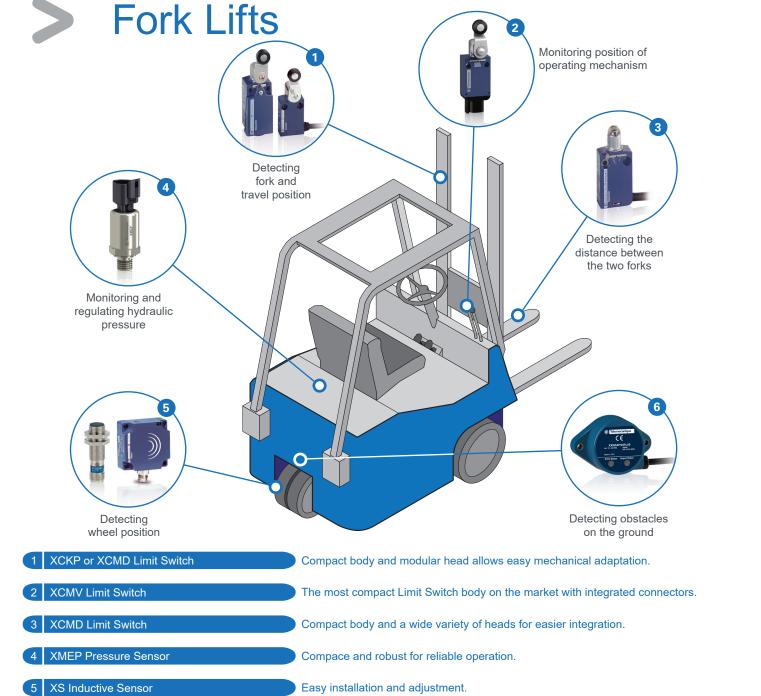














6 XXW54 Wide Beam Ultrasonic Sensors



E-certified with better immunity against EMC interference and a larger beam width.

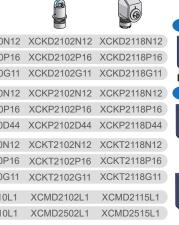


Choose product best-suited for your application

Limit switches









Plunger

DC

XCMV2102D44 XCMV2502D44 Plastic roller lever XCMV2115D44 XCMV2515D44 M12 Connector XCMV2110M12 XCMV2510M12 Roller plunger XCMV2102M12 XCMV2502M12 Plastic roller lever XCMV2115M12 XCMV2515M12

Inductive sensors



Ø 12 mm



Ø 18 mm



15 x 32 x 8 mm

XS112B3NAM12 XS118B3NAM12 XS7F1A1NAL01M8 XS7E1A1NAM8 XS7C1A1NAM8



26 x 26 x 13 mm



40 x 40 x 15 mm





Ø 18 mm

NO+NC slow

XS	Sensi	ing distance		
	PNP	cable		
DC	PNP	connector		
3 wires NO		cable		

4 mm	8 mm	5 mm	10 mm	15 mm
XS112B3PAL2	XS118B3PAL2	XS7F1A1PAL2	XS7E1A1PAL2	XS7C1A1PAL2
XS112B3PAM12	XS118B3PAM12	XS7F1A1PAL01M8	XS7E1A1PAM8	XS7C1A1PAM8
XS112B3NAL2	XS118B3NAL2	XS7F1A1NAL2	XS7E1A1NAL2	XS7C1A1NAL2





Pressure transmitters

XMEP	Connector	Analogue output	060 bar	0100 bar	0250 bar	0400 bar	0600 bar
d Jack		0,5-4, 5V	XMEP060BD11F	XMEP100BD11F	XMEP250BD11F	XMEP400BD11F	XMEP600BD11F
	M12	4-20mA	XMEP060BD21F	XMEP100BD21F	XMEP250BD21F	XMEP400BD21F	XMEP600BD21F
		0-10V	XMEP060BD71F	XMEP100BD71F	XMEP250BD71F	XMEP400BD71F	XMEP600BD71F
		0,5-4, 5V	XMEP060BT11F	XMEP100BT11F	XMEP250BT11F	XMEP400BT11F	XMEP600BT11F
	Deutsch DT04-3P	4-20mA	XMEP060BT21F	XMEP100BT21F	XMEP250BT21F	XMEP400BT21F	XMEP600BT21F
		0-10V	XMEP060BT71F	XMEP100BT71F	XMEP250BT71F	XMEP400BT71F	XMEP600BT71F
	AMP	0,5-4, 5V	XMEP060BV11F	XMEP100BV11F	XMEP250BV11F	XMEP400BV11F	XMEP600BV11F
	Superseal	4-20mA	XMEP060BV21F	XMEP100BV21F	XMEP250BV21F	XMEP400BV21F	XMEP600BV21F
acting of	1,5 3-pin	0-10V	XMEP060BV71F	XMEP100BV71F	XMEP250BV71F	XMEP400BV71F	XMEP600BV71F
VALD			0 400 h - "	0.400 h = =	0. 050 h - ::	0 400 h - "	0 000 h
2 switching outputs Analogue 420mA + 1 switching output		0100 bar	0160 bar	0250 bar	0400 bar	0600 bar	
		XMLR100M2P05	XMLR160M2P05	XMLR250M2P05	XMLR400M2P05	XMLR600M2P05	
		XMLR100M1P05	XMLR160M1P05	XMLR250M1P05	XMLR400M1P05	XMLR600M1P05	



2 switching outputs ZMLPA2P0SH

Analogue 4...20mA + 1 swithing output ZMLPA2P0SH

Ultrasonic Sensors



Discover our complete offer: www.tesensors.com or contact your local sales agency

Schneider Electric Industries SAS **Head Office** 35, rue Joseph Monier - CS 30323 F92506 Rueil-Malmaison Cedex **FRANCE**

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

©2021 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 owner