

> Escalator / Elevator-ready sensors

The line of sensor products making up the Telemecanique Sensors Escalator and Elevator Industry offer specifically address the necessary standards, constraints, and detection goals of Escalator and Elevator systems worldwide.

Compact and easy-to-install solutions

Physical space is at a premium in the lift industry, both on escalators and elevators. The Telemecanique Sensors product offering reflects our innovative focus not only in regard to the compact and lightweight design of our sensors, but in regard to their availability in a wide range of connector options.

Take them out of the box.

Quickly install them.

Simply easy!™



Easy to connect with the experts



The Telemecanique Sensors team is available for pre and post sales support. We become an extension of your team and share our expertise with you.

Use the "Service & Support" menu of our website to quickly connect to your local Telemecanique Sensors representative.

www.tesensors.com











2 XIOT Cloud Connected Sensor Connects your unreachable assets to the cloud, enabling real-time data and alarms on mobile devices.

Safety switches for controlling the safe opening and interlocking of guards and covers.

A full range of Photoelectric sensors in the main form factors from cylindrical to rectangular.

Standard version of our market leading range of IEC Limit Switches with plastic roller plungers.

Manual reset version of our market leading range of positive IEC Limit Switches with many available heads.

Easily integrated panel mounting smart antenna for access control compatible with most RFID electronic tags.





Choose the best product for your application

Inductive sensors











				-			
XS	Sensin	g distance	5 mm	8 mm		15-20 mm flush / 40 mm non flush	20 mm flush / 40 mm non flush
	PNP	cable	XS118BLPAL2	XS218BLPAL2	XS118BHPAL2		
DC 2 mins s		connector	XS118BLPAM12	XS218BLPAM12	XS118BHPAM12	XS7C2A1PAM12	
3 wires NO	NPN	cable	XS118BLNAL2	XS218BLNAL2	XS118BHNAL2		
		connector	XS118BLNAM12	XS218BLNAM12	XS118BHNAM12	XS7C2A1NAM12	
DC 1 wires NO+NC	DND	connector				YS8C2A1DCM12 / YS8C2A4DCM12	YS8C/A1PCP20 / YS8C/A1PCP20

Photoelectric sensors





			-			
	XU		XUB			
			Reflex	Thru Beam		
	PNP	cable	XUB9APANL2	XUB2APANL2R		
DC 3 wires		connector	XUB9APANM12	XUB2APANM12R		
NO	NPN	cable	XUB9ANANL2	XUB2ANANL2R		
		connector	XUB9ANANM12	XUB2ANANM12R		
Transmitter		cable		XUB2AKSNL2T		
		connector		XLIB2AKSNM12T		

XUM						
Reflex	Thru Beam					
XUM9APXBL2	XUM2APXBL2					
XUM9APXBM8	XUM2APXBM8					
XUM9ANXBL2	XUM2ANXBL2					
XUM9ANXBM8	XUM2ANXBM8					

XUVR	
Fork	
XUVR0303PANL2	
XUVR0303PANM8	

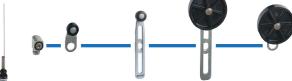
Ultrasonic sensors



NO/NC XXS18P1PM12 XXA18P1PM12

Limit switches





	XC				1100			SCAR	U	
	XCKN	M20	XCKN2510P20	XCKN2502P20	XCKN2521P20	XCKN2506P20	XCKN2518P20	XCKN2545P20	XCKN2549P20	XCKN2539P20
		Pg11	XCKN2510G11	XCKN2502G11	XCKN2521G11	XCKN2506G11	XCKN2518G11	XCKN2545G11	XCKN2549G11	XCKN2539G11
	XCNR	M20	XCNR2510P20	XCNR2502P20	XCNR2521P20		XCNR2518P20			
		Pg11	XCNR2510G11	XCNR2502G11	XCNR2521G11		XCNR2518G11			
Â	XCKS	M20		XCKS502H29			XCKS531H29			XCKS539H29
		Pg13		XCKS502			XCKS531			XCKS531
U		1/2NPT		XCKS502H7			XCKS531H7			
	XCNT	M16	XCNT2510P16	XCNT2502P16	XCNT2521P16	XCNT2506P16	XCNT2518P16	XCNT2545P16	XCNT2549P16	XCNT2539P16
9		Pg11	XCNT2510G11	XCNT2502G11	XCNT2521G11	XCNT2506G11	XCNT2518G11	XCNT2545G11	XCNT2549G11	XCNT2539G11

All switches above are NO+NC Slow

Safety Switches

2NC + NO
XCSDMP7002
XCSDMP700L01M12
XCSDMP7012
XCSDMP701L01M12

- (1) Sao: Assured operating distance; Sar: Assured tripping distance
- (2) Schematic diagram shown represents the contact states while the magnet is in front of the switch
- (3) For switches with other cable lengths, replace the last number in the reference by 5 for 5 meters or 10 for 10 meters. Ex. XCSDMC5905

(4) M12 4P for XCSDMP59/79 (2 contacts), M12 8P for XCSDMP50/70 (3 contacts)

XCSR



XCSRC10M12: SINGLE Safety RFID contactless switch (reader + factory paired transponder) • Unique pairing • M12

XCSRC11AM12: STANDALONE Safety RFID contactless switch (reader + factory paired transponder) • EDM +

Auto start • Unique pairing • M12

XCSRC12M12: SERIES Safety RFID contactless switch (reader + factory paired transponder) • Unique pairing • M12

Pressure Transmitters (for Hydraulic drive Elevator systems)

XMLP	Pressure range	(bar) (1)	010	016	025	060	0100	0250
	Fluids controlled		Hydraulic oils					
_	Voltage limits (V)		733 V DC for 4	20mA, 1233 V [OC for 010 V			
	Dimensions (mm)) Ø x L	26 x 38 (M12), 26	6 x 60.5 (EN175301	l-803-A)			
andre d	Fluid connections	s (2)	G 1/4 A (male)					
Telemed	Electrical connec	tions (3)	connector M12 4	-pins, EN 175301-8	03-A			
•	Output type (4)		420mA, technic	que 2-wires, 010V	, technique 3-wires			
	Analogue output	M12 4-pins	XMLP010BD21F	XMLP016BD21F	XMLP025BD21F	XMLP060BD21F	XMLP100BD21F	XMLP250BD21
	420mA	EN175301-803-A	XMLP010BC21F	XMLP016BC21F	XMLP025BC21F	XMLP060BC21F	XMLP100BC21F	XMLP250BC21

(1) Also available with psi range (2) Also available with 1/4"-18NPT male or 7/16-20UNF female (3) Also available with 3-pins packard connector (4) Also available with 0.5...4.5 V and 0...10 V ratiometric output. Available in bulk packs for selling in lots of 25 pcs. Add Q suffix to the reference. Ex: XMLP001GD21F becomes XMLP001GD21FQ

Pressure Switches (for Hydraulic drive Elevator systems)

XMLD-Fixe	d differential, du	ual stage, detection at each threshold	10	20	35	70	160	300
	Setting range	2nd stage switching point (PB2)	1.210	2.1420	4.435	9.470	16.5160	36300
*	(bar)	1st stage switching point (PB1)	0.529.32	0.918.76	1.932.5	6.667.2	10.5154	25289
Nautilus		Spread between 2 stages (PB2-PB1)	0.685.8	1.249.55	2.520.4	2.846	683	11189
Nautilus	Without pole, sna	setting scale 2 C/O single-pole ap action contacts (1 per stage)	XMLD010B1S12	XMLD020B1S12	XMLD035B1S12	XMLD070D1S12	XMLD160D1S12	XMLD300D1S12

Compact RFID Sensors

XG RFID Statio	ns 13.56 MHz, Fixir	ng Ø 22	Compact station for panel fixing (1)	Compact station for panel fixing with indicator light (1)			
	Type of associated	tag	ISO 15693 to ISO 14443 standard tags. Automatic detection of the type tag.				
mique	Display	For informing the operator		2 multicolor LEDs (7 selectable colors) driven by Modbus requests			
		For the communication	1 dual color LED (Dialog station/tag) 1	dual color LED (Modbus network activity)			
* Telementalian	Item numbers		XGCS490B201	XGCS49LB201			

Cloud Connected Sensors

"	Description	Transmitter only XIOT11SE5MRCL	Prepaid 5-year access to cloud XIOT11SE5MRCL	Subscription services (1) XIOT11SE5MRC
K	> 1 standalone transmitter > Activation magnet > Instruction sheet	✓	✓	√
	> 5-year subscription to Sigfox LPWAN (2)		√	
	> Web interface to configure and display data		✓	√
	> Smartphone apps for alert notifications (iOS and Android)	****	✓	✓
	> Connection to Telemecanique Sensors secure servers via external SCADA system for data processing			✓
	=			

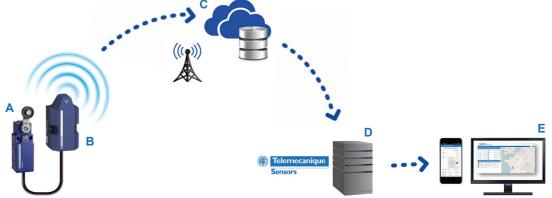
- (1) Pricing, terms and conditions available at: https://godigital.schneider-electric.com/smp/home/home.page
- (2) LPWAN: Low power wide area network

The XIOT communication offer from Telemecanique Sensors (2) is based on LPWAN (low power wide area network) technology, operated by Sigfox.

The Sigfox network covers 32 countries and is already very extensive in Europe. It is also being rapidly deployed in the US and Asia-Pacific. It uses antennas with a range of around 50 km. The map on the Sigfox website shows exactly which areas are covered by the network (see http://sigfox.com/en/coverage).

How it works

When the contacts on a sensor installed on your site change state (A), the transmitter (B) sends a message to the IoT network (LPWAN) (C), which is then routed to our secure servers (D). This message is then delivered to one or more recipients as an alert on PC, tablet, or smartphone (E).



Telemecanique Sensors

Simply easy!

Simplicity



Proximity



Expertise



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

Telemecanique Sensors is focused on 3 core values - Simplicity, Expertise, and Proximity. Our focus on Simplicity is reflected in the ease with which our products can be specified, installed, and used. Our focus on Expertise is reflected in our 70+ years of securing all the necessary and applicable certifications and our long history of addressing some of the most demanding machine applications in the industry. Our focus on Proximity can be seen in the worldwide availability of our products and technical support.

In short, we make sensing technology simple. We have the experience to address the most challenging applications. And we are there to help.

We make detection solutions "Simply easy!"

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

TMSS France SAS

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