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technology and expert service
for any job.



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Making Sense of Sensors

Choose Telemecanique Sensors and simplify your project with the right technology and expert service for any job.

As a global leader in the sensors business, Telemecanique Sensors help their customers select the right technology to get the best performance and reliability from their machines.

Focused on 3 core values – Simplicity, Proximity and Expertise – Telemecanique have become experts in factory automation sensors as well as specialists in demanding applications, making customers lives “simply easy!”.

RS Components stocks a full range of **Telemecanique sensors** to satisfy any application from factory to process automation, from RFID to load cell.

Discover **Telemecanique Sensors** today!



Life Is On

Schneider Electric



OsiSense XS non-flush inductive sensors



Increased sensing capacity in a compact, robust design

OsiSense™ XS non-flush inductive sensors deliver the **first E2-certified general purpose range on the market**. The result? Superior electromagnetic field immunity in a smaller package.

Greater sensing distance and detection capacity

OsiSense XS provides flexible setup and reliable performance — even in the harshest environments.

Compact and easy to integrate

Choose from two short-body sizes (12 mm and 18 mm) or the renewed 30 mm sensors.

Whether for mobile equipment, material handling, packaging, automatic assembly, escalators, or other demanding applications, you can count on OsiSense XS.

Simply easy!™



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XCSA Safety Interlock Switches

- 3 positive opening contacts as standard (on guard opening)
- A key operated lock enables positive locking of the guard
- Optional version with orange LED to indicate guard open/closed



263-3595	1NC + 2NO	XCSA502
397-2166	3NC	XCSA801
252-3858	Flexible actuator	XCSZ03

XCSPA Miniature Safety Interlock Switches

- 2 positive opening contacts as standard, on guard opening
- Head rotates in 90° steps giving 8 actuator entry points
- Minimum operating force for positive opening: 15N



252-3864	1NO+NC	XCSPA591
296-4675	2N/C	XCSPA792
252-3870	Straight actuator	XCSZ11
252-3886	T actuator	XCSZ12

Preventa XCS-DMP Magnetic Safety Switches

- Actuation on 3 sides: face to face and face to side
- 8mm tolerance to misalignment (5mm for XCS-DMC)
- Coded reed technology - switch cannot be totally defeated by a simple magnet



422-5095	2 NC + 1 NO - 1 NC staggered - 2m	XCSDMP7002
422-5089	1 NC + 2 NO - 1 NO staggered - 2m	XCSDMP5012

Osiconcept XUK Through Beam photoelectric sensor

- Four modes of detection in one unit
- Easy set-up at the touch of a button
- Self teach precise set-up 'multi-mode detection'



444-3530	30m PNP M12 conn	XUK0AKSAM12
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XUB Optimum cylindrical diffuse photoelectric sensor

- M18 Optimum cylindrical sensors in metallic casing
- For use in DC circuit applications. Solid-state PNP transistor output (NO or NC)
- Supply Voltage 10 → 24 Vdc



695-6823	M18, 0.6M, PNP NO	XUB5BPANM12
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Osiris XUB Osiconcept photo-electric sensor

- Four modes of detection in one unit
- Easy set-up at the touch of a button
- Self teach precise set-up
- Sensing distance dependent on mode of operation



444-3401	Barrel, M18 PNP	XUB0APSNM12
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OsiSense XU Retro-reflective Photoelectric Sensor

- Service alarm output
- Sensing distance 7000 mm
- Response time 25ms
- LED alignment and output indicators



512-4640	7m, Compact 50 × 50	XUK1ARCNL2
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XUB Osiconcept photo-electric sensor

- Four modes of detection in one unit
- Easy set-up at the touch of a button
- Self teach precise set-up multi-mode detection
- Sensing distance dependent on mode of operation



444-3445	Retro-Reflective, Through Beam (Receiver)	XUB0BPSNL2
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Reflectors For Use With XU Series

- A range of Telemecanique square reflectors for use with the OsiSense XU series of Photoelectric sensors



324-1585	100 × 100mm	XUZX100
281-1767	80mm dia	XUZX80
281-1751	50 × 50mm	XUZX50

Osiris XUX Long Distance Photoelectric Sensors

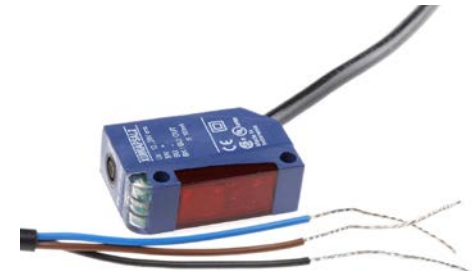
- Four modes of detection in one unit
- Easy set-up at the touch of a button
- Self teach precise set-up 'multi-mode detection'



444-3619	Diffuse, Retro-Reflective, Through Beam (Receiver)	XUX0ARCTT16
444-3625	Through Beam (Emitter)	XUX0ARCTT16T

OsiSense XUM Miniature Photoelectric Detector

- Four modes of detection in one unit
- Easy set-up at the touch of a button
- Self teach precise set-up multi-mode detection
- Sensing distance dependent on mode of operation



444-3489	Multimode, 10m PNP	XUM0APSAL2
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OsiSense XX Cylindrical Ultrasonic Sensor

- IP67 rated
- M18 cylindrical body
- 4 to 20 mA analogue output
- Precise object detection of any material



753-0511	M18, 4-20mA - 0.5m	XX918A3C2M12
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XY2-CE Cable Switch

- Emergency stop trip wire switch designed to reduce the risk of injury to persons and damage either to machines or work in progress
- They can be tripped by a single human action when a normal emergency stop function is not available and will also trip in the event of the trip wire breaking



742-3829	Right Side, 50m, 2NO/2NC	XY2CE1A296
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XY2-CH Cable Switch

- For machine tools, conveyers & handling applications
- Recommended distance between cable supports: 5m
- Built-in turnbuckle accessory
- Pushbutton reset



742-3924	Straight, 15m, 2NC	XY2CH13270H29
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XY2CZ105 Rope Pull Cable

- Cables galvanised with a red sheath o support the Preventa XY2C rope pull switches



609-1945	50m	XY2CZ105
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Preventa XCS Safety Rotating Hinge Switch

- Ideal for light industrial machines fitted with hinged or rotary protective covers with small opening radius e.g. double gate guards
- 2 outputs
- 5° displaced tripping angle
- 4 position turret head



360-4403	2NC, M16 × 1.5	XCSPR752
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XCS-E Solenoid Interlock Switches

- Key operated lock to allow authorised override of solenoid (key supplied)
- 2 LED indicators (orange/guard open, green/guard closed, key in locked position)
- Heavy duty metal compact style to IP67
- Turret heads can be rotated through 360° in 90 steps



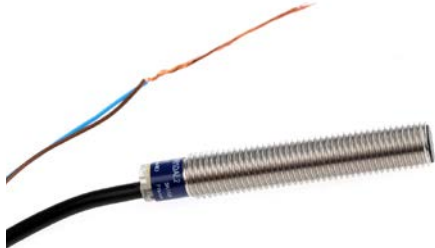
263-3725	2NO + 1NC	XCSE5312
263-3753	2NC+1NO	XCSE7312



766-1703	5m, 2NO 1NO	XCSDMR7915
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Osi Optimum Proximity Sensors

- Flush-mountable inductive proximity sensors, designed for essential and repetitive applications
- 2m cable pre-wired versions (IP68 sealed)



512-4426 1.5mm, M8 x 1, NO XS508B1DAL2
444-3243 2.5mm M8 x 1, PNP XS608B1PAL2

OsiSense XS 4mm Inductive proximity sensors

- Twice nominal sensing distance
- Flush mount
- Fast switching frequency
- 2 & 3 wire controlled devices



695-6766 M12 x 1, NC XS612B1MBL2
444-3322 M12 x 1, NO XS612B1MAL2
444-3265 M12 x 1, PNP XS612B1PAL2

OsiSense XS 8mm Inductive proximity sensors

- 2 & 3 wire controlled devices
- LED status display
- Operating temperature range: -25 → +70° C
- Reverse polarity and short circuit protection (dc types only)



609-7369 M18 x 1, NC XS618B1MBL2
444-3344 M18 x 1, NO XS618B1MAL2
444-3287 M18 x 1, PNP XS618B1PAL2

OsiSense XS 8mm Inductive proximity sensor

- 2 & 3 wire controlled devices
- LED status display
- Operating temperature range: -25 → +70° C
- Reverse polarity and short circuit protection (dc types only)



444-3293 M18 x 1, PNP XS618B1PAM12

Osiprox Inductive Proximity Sensor

- Flat format
- Flush or non flush mountable versions
- LED status display
- Operating temperature range -25 to +70° C



444-3192 PNP Non-Flush Mount XS8D1A1PAM12

OsiSense XS Cylindrical M30 Inductive proximity sensor

- Adjustment of speed threshold by potentiometer
- 120 to 3000 impulses/minute (High speed types)
- 6 to 150 impulses/minute (Low speed types)
- LED status display



283-482 15mm, NC XS630B1MBL2
608-5748 10mm, NC XSAV11801
281-1442 10mm, NO XSAV12801
444-3366 15mm, NO XS630B1MAL2

OsiSense XS 4mm Inductive Sensor

- Twice nominal sensing distance
- Flush mount
- Fast switching frequency
- 2 & 3 wire controlled devices



444-3271 4mm, PNP XS612B1PAM12

OsiSense XS 15mm Inductive Sensor

- 2 & 3 wire controlled devices
- LED status display
- Operating temperature range: -25 → +70° C
- Reverse polarity and short circuit protection



444-3316 15mm, PNP XS630B1PAM12

5m Female Cable & Connector

- Accessories for use with Telemecanique Osisonic Ultrasonic Sensors



612-2235 M12 4 Pin Straight XZCP114IL5

XCKJ Snap Action Lever Limit Switch

- Rated 240V 3A at AC15 10A lth
- Snap action NC contacts with positive opening operation
- Comes with a pre-tapped 1/2" NPT cable gland entry



700-4309 NO/NC, 240V XCKJ10541H29

XCKP Snap Action Limit Switches

- Visible operation
- Precise operating points
- Double insulation
- 1 NO and 1 NC contact



447-3418 Metal end plunger XCKP2110P16
447-3395 Roller lever XCKP2118P16
447-3430 Horizontal plunger XCKP2121P16

ZCKM Snap Action Limit Switch

- 1 N/O (aux) and 1 N/C (safety) contacts
- Rating: 240 Vac, 3A
- Protected to IP65



360-8562 NO/NC, 240V ZCKM1H29

XCKM Roller Plunger Limit switch

- 1 N/O (aux) and 1 N/C (safety) contacts
- Rating: 240 Vac, 3A
- Protected to IP65



235-981 NO/NC, 240V XCKM102H29

XCKS Snap Action Limit Switches

- Rated 240V 3A at AC15 10A lth
- Snap action NC contacts with positive opening operation
- -25 to +70°C operating temperature
- Protected to IP66



243-780 Roller plunger actuator XCKS102H29
236-029 Roller lever actuator XCKS131H29

Contact Block

- Contact Blocks for XCKJ/XCKM/XCKS Limit Switch Ranges



360-8685 NO/NC, 240V XE2SP2151

XC Plunger Snap Action Limit Switch

- Visible operation
- Precise operating points
- Double insulation
- 1 NO and 1 NC contact



447-3840 NO/NC, 240V XCMD2102L1

ZCKJ Snap Action Limit Switch Body

- Limit Switch Body
- Silver plated contacts with snap action
- 2 Poles
- Durable and strong housing



700-4324 2NO/2NC, 240V ZCKJ2H29
360-8433 NO/NC, 240V ZCKJ11H29

Limit switch heads



360-8629 Steel roller plunger ZCKD02
360-8663 Plastic horizontal roller plunger ZCKD21
360-8506 Steel roller plunger reinforced ZCKE67
360-8641 Plastic roller lever ZCKD15



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