Product datasheet
Characteristics

XCKW131

Main

Range of product	OsiSense XC
Series name	Standard format
Product or component type	Wireless limit switch
Device short name	XCKW
Body type	Fixed
Head type	Rotary head

Complementary

Body material	Plastic
Head material	Plastic
Lever material	Metal
Fixing mode	By 4 screws
Type of operator	Thermoplastic spring return roller lever
Switch actuation	By 30° cam
Type of approach	1 or 2 programmable direction lateral approach
Communication network type	ZigBee green power 2.4 GHz conforming to IEEE 802.15.4
Electrical composition code	PW1
Emission power	3 mW
Response time	<= 2 ms
Maximum sensing distance	328.08 ft (100 m) in free field 82.02 ft (25 m) in industrial environment 300 m with external antenna
Contact operation	Snap action
Number of steps	1
Minimum torque for tripping	4.42 lbf.in (0.5 N.m)
Maximum actuation speed	3.28 ft/s (1 m/s)
Operating rate	<= 60 cyc/mn
Mechanical durability	400000 cycles
Switching operation per year	3600
Width	1.57 in (40 mm)
Height	5.39 in (137 mm)
Depth	2.4 in (61 mm)
Product weight	0.53 lb(US) (0.24 kg)

Environment

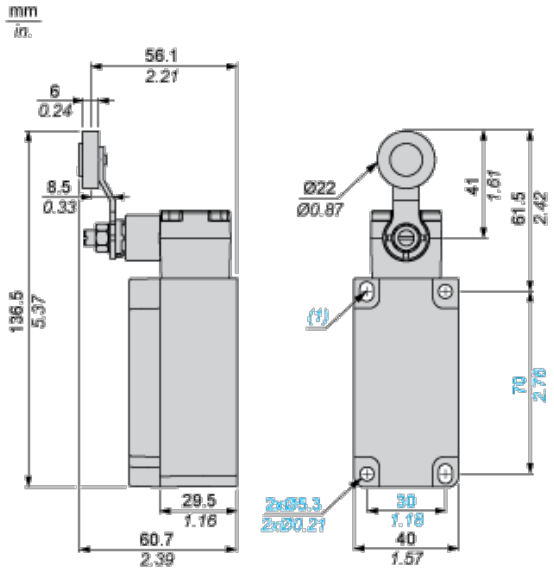
electromagnetic compatibility	Immunity for industrial environments Radiated emission Susceptibility to electromagnetic fields: 3 V/m, 80...2700 MHz, distance = 20 m Susceptibility to electromagnetic fields: 10 V/m, 80...2000 MHz Electrostatic discharge immunity test: 6 kV, on contact (on metal parts) Electrostatic discharge immunity test: 8 kV, in free air (in insulating parts)
shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
vibration resistance	+/- 10 mm (vibration frequency: 2...11 Hz) conforming to IEC 60068-2-6 25 gn (vibration frequency: 10...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529
IK degree of protection	IK05 conforming to EN 50102
ambient air temperature for operation	-13...131 °F (-25...55 °C)

ambient air temperature for storage	-40...158 °F (-40...70 °C)
directives	2004/108/EC - electromagnetic compatibility 1999/5/EC - R&TTE directive
standards	EN/IEC 60947-1 EN/IEC 60947-5-1
radio agreement	IC RSS FCC RCM

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1545 - Schneider Electric declaration of conformity	Compliant - since 1545 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

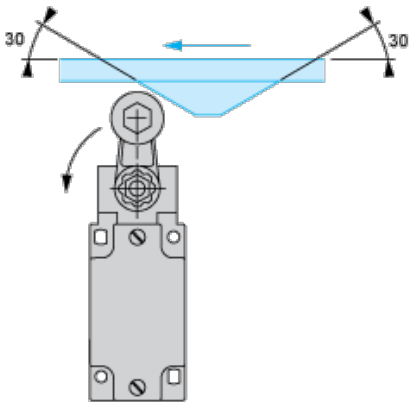
Dimensions



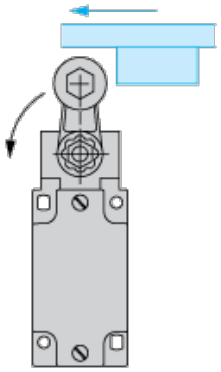
(1) 2 elongated holes 5.3 x 7.3 mm / 0.21 x 0.29 in.

Mounting with Rotary Head and Roller Lever

Recommended Mounting

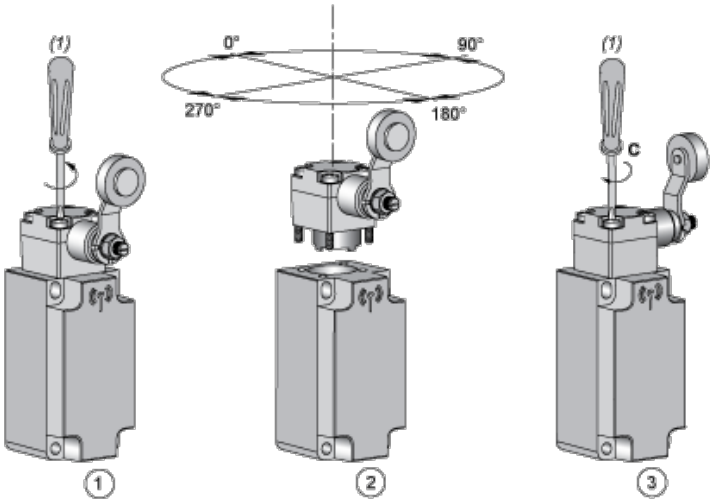


Mounting to be Avoided



Mounting

Head Orientation

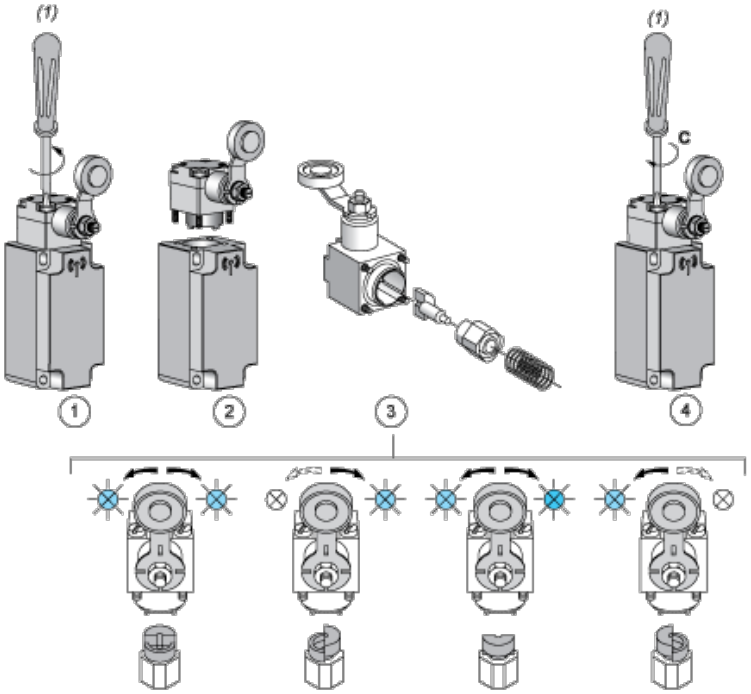


(1) PZ1, pozidriv screwdriver, size 1

C : 1 Nm (± 20 %) / 8.85 lb-in (± 20 %)

Mounting

Actuator Direction Setting

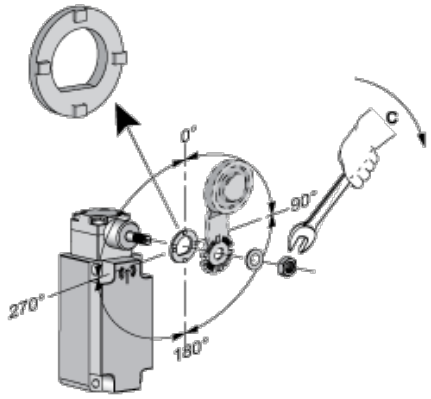


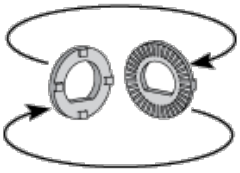
(1) PZ1, pozidriv screwdriver, size 1

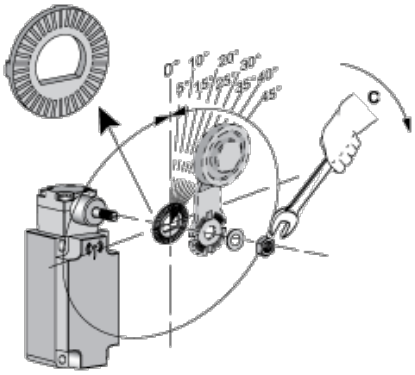
C : 1 Nm (± 20 %) / 8.85 lb-in (± 20 %)

Mounting

Actuator Angle Setting



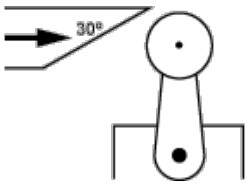




C : 1 Nm (± 20 %) / 8.85 lb-in (± 20 %)

Mounting

Characteristics of Actuation



Technical Description

Functionnal Diagram, Travel Distance

(1) Reset

(2) Set

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9