



Main

Range of product	OsiSense XC
Series name	Basic
Product or component type	Limit switch
Product specific application	Medium duty
Device short name	XCE
Body type	Fixed
Head type	Multi-directional head
Material	Plastic and metal
Fixing mode	By the body
Movement of operating head	Multi-directional
Type of operator	Cat's whisker steel
Switch actuation	By any moving part
Type of approach	Multi-directional approach
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1.5 mm ²
Cable entry	1 flexible rubber cable gland, cable outer diameter: 6...9 mm
Number of poles	2
Contact operation	Snap action
Positive opening	Without
Maximum force for tripping	1.5 N

Complementary

Contacts insulation form	Za
Minimum release force	0.04 N
Minimum actuation speed	5 mm/s
Maximum actuation speed	1 m/s
Maximum operating rate	120 cyc/mn
Contact code designation	A300, AC (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to IEC 60947-5-1 R300, DC (Ue = 220 V), Ie = 0.3 A conforming to IEC 60947-5-1
Maximum resistance across terminals	25 MOhm
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60664

Electrical durability	800000 cycles, AC, 3 A, 220 V
Mechanical durability	10000000 cycles
Width	28 mm
Height	170 mm
Depth	25 mm
Product weight	0.11 kg
Terminals description ISO n°1	(3-4-1-2)OF

Environment

Shock resistance	30 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	+/- 3 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP65 conforming to IEC 60529
Electrical shock protection class	Class I conforming to EN/IEC 60947-5-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Marking	CE CCC
Standards	IEC 60947-5-1 GB 14048.5

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	131 g
Package 1 Height	3 cm
Package 1 width	4.9 cm
Package 1 Length	17.5 cm

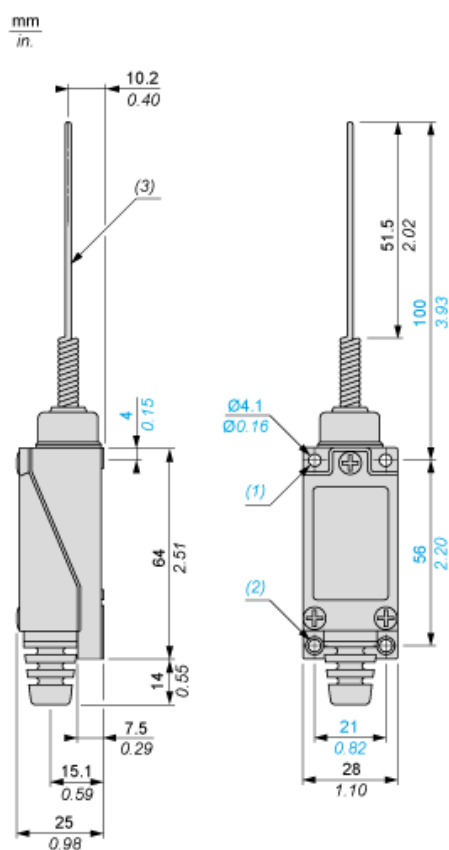
Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months
----------	-----------

Dimensions

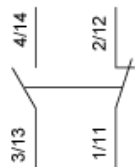


- (1) : 2 holes M5 tapped 7mm / 0.27 inches in depth.
 (2) : 2 M5 tapped holes.
 (3) : Stainless steel wire Ø 1.2 mm / Ø 0.04 in.

Connection and Schema

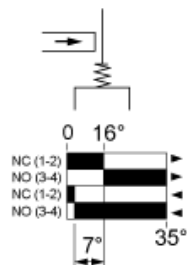
Wiring Diagram

1 NO + 1 NC



Technical Description

Type of Operator and Functional Diagram, Travel Distance



■ (1)

□ (2)

► (3)

◄ (4)

- (1) : Contact closed
- (2) : Contact open
- (3) : Tripping
- (4) : Resetting