

Product data sheet Characteristics

XCNT2539P16

limit switch XCNT - thermoplastic roller lever Ø50 mm - 1NC+1NO - slow - M16



Important message: We have updated the process for ordering Telemecanique Sensors products. For more information, please contact your Telemecanique Sensors representative in the UK&I at: UK.salesorders@tesensors.comYou can find all product information on the Telemecanique Sensors website: www.tesensors.com/uk/en

EAN Code: 3389119047463



Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCNT
Sensor design	Compact
Body type	Fixed
Head type	Rotary head
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever thermoplastic roller diameter 50 mm
Type of approach	Lateral approach, 2 directions
Cable entry	2 entries tapped for M16 x 1.5 cable gland, cable outer diameter: 713 mm
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
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Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp open terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum torque	0.15 N.m
Minimum torque for tripping	0.1 N.m
Maximum actuation speed	1.5 m/s
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG

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Mechanical durability	10000000 cycles
Width	58.8 mm
Height	120.1 mm

Environment

Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27	
Vibration resistance	15 gn (f= 10500 Hz) conforming to IEC 60068-2-6	
IP degree of protection	IP65 conforming to IEC 60529	
IK degree of protection	IK04 conforming to EN 50102	
Electrical shock protection class	Class II conforming to IEC 61140 Class II conforming to NF C 20-030	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-4070 °C	
Protective treatment	TC	
Product certifications	UL[RETURN]CSA[RETURN]CCC	
Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₽¥Yes

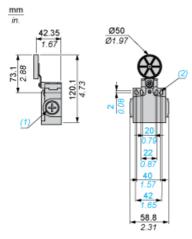
Contractual warranty

10/	40
vvarranty	18 months

Product data sheet **Dimensions Drawings**

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Dimensions

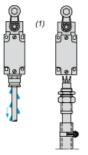


- (1) 2 tapped entry for M16 x 1.5
 (2) Ø: 4 elongated holes Ø 4.3 x 6.3

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Mounting with Cable Entry

Position of Cable Gland

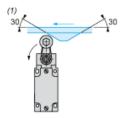




- Recommended
- (1) (2) To be avoided

Mounting with Rotary Heads and Levers

Type of Cam





- Recommended
- To be avoided

Product data sheet Connections and Schema

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Wiring Diagram

2-pole N/C + N/O Break before Make, Slow Break



Product data sheet Technical Description

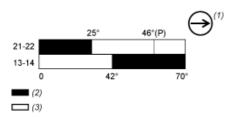
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Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



- (P) Positive opening point
- (1) NC contact with positive opening operation
- (1) NC con (2) Closed
- (3) Open