

Product data sheet Characteristics

XCNT2108P16

limit switch XCNT - spring rod lever nitrile boot - 1NC+1NO - snap - M16





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	Multi-directional head	
Material	Plastic	
Body material	Plastic	
Head material	Plastic	
Fixing mode	By the body	
Movement of operating head	Multi-directional	
Type of operator	Spring return spring rod	
Type of approach	Multi-directional approach	
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	Snap action	

Complementary

Switch actuation	By any moving part		
Electrical connection	Screw-clamp open terminals, clamping capacity: 1 x 0.342 x 1.5 mm ²		
Contacts insulation form	Zb		
Minimum torque for tripping	0.13 N.m		
Maximum actuation speed	1 m/s		
Contact code designation	A300, AC-15 (Ue = 240 V), le = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), le = 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		
Mechanical durability	5000000 cycles		
Width	58.8 mm		
Height	176 mm		
Depth	30.5 mm		

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Environment

Shock resistance	20 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	10 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	CSA[RETURN]UL[RETURN]CCC
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60204-1 UL 508

Packing Units

.1 cm
.8 cm
7.5 cm
18 g

Offer Sustainability

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

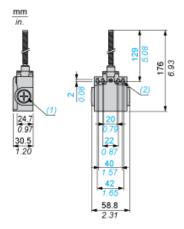
Contractual warranty

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Warranty	18 months	

Product data sheet **Dimensions Drawings**

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Dimensions

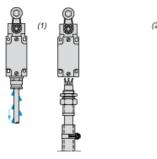


- (1) 2 tapped entry for M16 x 1.5
 (2) Ø: 4 elongated holes Ø 4.3 x 6.3

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Mounting with Cable Entry

Position of Cable Gland



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

Wiring Diagram

2-pole NC + NO Snap Action



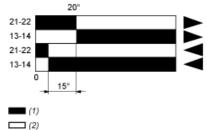
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Characteristics of Actuation

Switch Actuation by Any Moving Part



Functionnal Diagram



- (3)
- Closed
- Open
- (3) Tripping (4) Resetting