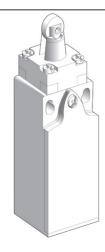
XCKN2102P20

limit switch XCKN - steel roller plunger - 1NO +1NC - snap - M20



Main Range of product OsiSense XC Series name Standard format Product or component Limit switch type Device short name XCKN Sensor design Compact form C Body type Fixed Head type Plunger head Material Plastic Movement of operating Linear head Type of operator Metal spring return roller plunger Type of approach 2 directions, lateral approach Electrical connection Screw-clamp terminals (1 x 0.34...2 x 1.5 mm²) Cable entry 1 entry tapped for M20 x 1.5 cable gland, cable outer diameter: 7...13 mm Number of poles 2 Contacts type and com-1 NC + 1 NO position

Snap action, break before make

With

Complementary

Plastic
Plastic
By the body
By 30° cam
Zb
20 N
12 N
0.3 m/s
AC-15 : A300 (Ue = 240 V , Ie = 3 A), Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A DC-13 : R300 (Ue = 250 V , Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 500 V (degree of pollution: 3) conforming to IEC 60947-1
6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
10 A cartridge fuse type gG
5000000 cycles DC-13 (Uc = 48 V), 7 W , operating rate: ≤ 60 cyc/mn , load factor: 0.5 5000000 cycles DC-13 (Uc = 120 V), 4 W , operating rate: ≤ 60 cyc/mn , load factor: 0.5 5000000 cycles DC-13 (Uc = 24 V), 10 W , operating rate: ≤ 60 cyc/mn , load factor: 0.5
10000000 cycles
30 mm
65 mm
30 mm
0.145 kg

Contacts operation

Positive opening

Environment

Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	25 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
Class of protection against electric shock	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	CCC CSA UL
Standards	CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508
RoHS EUR conformity date	4Q2009
RoHS EUR status	Will be compliant

