

XCNT2718P16

limit switch XCNT - thermoplastic roller lever -
2NC - slow - 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 | 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 |
| Type of approach | Lateral approach, 2 directions |
| Cable entry | 2 entries tapped for M16 x 1.5 cable gland 0.28... 0.51 in (7...13 mm) |
| Number of poles | 2 |
| Contacts type and composition | 2 NC |
| Contact operation | Slow-break, simultaneous |

Complementary

| | |
|--|---|
| Switch actuation | By 30° cam |
| Electrical connection | Screw-clamp open terminals 1 x 0.34...2 x 1.5 mm² |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum torque | 1.33 lbf.in (0.15 N.m) |
| Minimum torque for tripping | 0.89 lbf.in (0.1 N.m) |
| Maximum actuation speed | 4.92 ft/s (1.5 m/s) |
| Contact code designation | A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60664 6 kV IEC 60947-1 |
| Short-circuit protection | 10 A cartridge fuse gG |
| Mechanical durability | 10000000 cycles |
| Width | 2.31 in (58.8 mm) |

Environment

| | |
|-----------------------------------|--|
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |
| Vibration resistance | 25 gn 10...500 Hz)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 IEC 61140 Class II NF C 20-030 |

| | |
|---------------------------------------|---|
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Protective treatment | TC |
| Product Certifications | CCC[RETURN]UL[RETURN]CSA |
| Standards | UL 508 EN/IEC 60204-1 CSA C22.2 No 14 EN/IEC 60947-5-1 |

Ordering and shipping details

| | |
|-------------------|-------------------------------|
| Category | 22435-LIMIT SWITCHES,TYPE XCM |
| Discount Schedule | T |
| GTIN | 3389119047661 |
| Returnability | No |
| Country of origin | ID |

Packing Units

| | |
|------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.73 in (4.4 cm) |
| Package 1 Width | 2.28 in (5.8 cm) |
| Package 1 Length | 3.98 in (10.1 cm) |
| Package 1 Weight | 7.23 oz (205 g) |

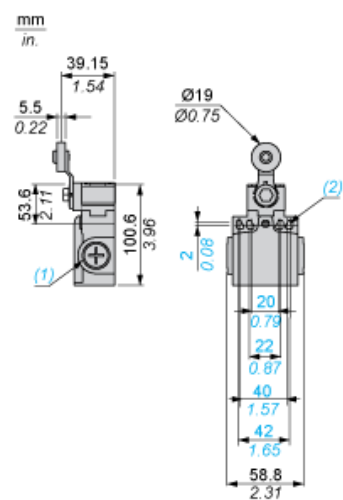
Offer Sustainability

| | |
|--|------------------------------|
| Sustainable offer status | Green Premium product |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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

Dimensions



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

Mounting with Cable Entry

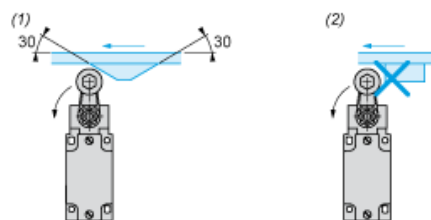
Position of Cable Gland



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

Mounting with Rotary Heads and Levers

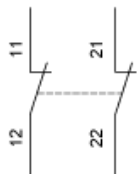
Type of Cam



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

Wiring Diagram

2-pole NC + NC Simultaneous, Slow Break

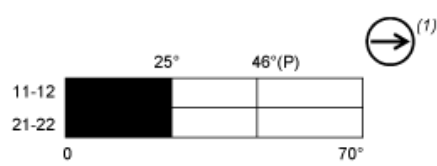


Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



■ (2)

□ (3)

(P) Positive opening point

(1) NC contact with positive opening operation

(2) Closed

(3) Open