

Wireless limit switch XCMW - M18 metal end
plunger



Main

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|---------------------------|--|
| Range of product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or component type | Wireless limit switch |
| Device short name | XCMW |
| Body type | Fixed |
| Head type | M18 plunger head |

Complementary

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|------------------------------|--|
| Body material | Plastic |
| Head material | Plastic |
| Lever material | Metal |
| Fixing mode | By 2 screws |
| Type of operator | Spring return plunger |
| Switch actuation | On end |
| Type of approach | On end approach, 1 direction |
| Communication network type | ZigBee green power - 2.4 GHz conforming to IEEE 802.15.4 |
| Electrical composition code | PW1 |
| Emission power | 3 mW |
| Response time | <= 2 ms |
| Maximum sensing distance | 100 M in free field 300 M with external antenna 25 m in industrial environment |
| Contact operation | Snap action |
| Number of steps | 1 |
| Maximum force for tripping | 50 N |
| Maximum torque for tripping | 0.5 N.m |
| Maximum actuation speed | 0.1 m/s |
| Maximum operating rate | 60 cyc/mn |
| Mechanical durability | 400000 cycles |
| Switching operation per hour | 3600 |
| Width | 30.0 mm |
| Height | 108 mm |
| Depth | 16.0 mm |
| Net weight | 0.082 kg |

Environment

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|---------------------------------------|---|
| Electromagnetic compatibility | Radiated emission Immunity for industrial environments Susceptibility to electromagnetic fields - test level: 3 V/m (80...2700 MHz, distance = 20 m) Susceptibility to electromagnetic fields - test level: 10 V/m (80...2000 MHz) Electrostatic discharge immunity test - test level: 6 kV (on contact (on metal parts)) Electrostatic discharge immunity test - test level: 8 kV (in free air (in insulating parts)) |
| Shock resistance | 50 gn for 11 ms conforming to IEC 60068-2-27 |
| Vibration resistance | 25 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 +/- 10 mm (f= 2...11 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| IK degree of protection | IK04 conforming to IEC 62262 |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Directives | 1999/5/EC - R&TTE directive 2004/108/EC - electromagnetic compatibility |
| Standards | IEC 60947-5-1 IEC 60947-1 |
| Radio agreement | IC conforming to RSS FCC conforming to RCM |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.2 cm |
| Package 1 Width | 4.7 cm |
| Package 1 Length | 12.7 cm |
| Package 1 Weight | 90 g |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |