

XCMW1H0

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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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: Diisononyl 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 |