# KPB6S11

PREWIRED WITH 2M LONG CABLE METAL LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER. M12 HEAD. CONTACTS 1NO+1NC SNAP ACTION



| | | | |
|---|---|---|---|
| Product designation | | | M12 head top roller push plunger |
| Product type designation | | | KPB6 |
| **General characteristics** | | | |
| Material | | | |
| | Housing | | Aluminium-zinc alloy |
| | Roller | | Metal |
| **Contact characteristics** | | | |
| Type of contact | | | 1NO+1NC Snap action |
| Thermal current Ith | | A | 10 |
| IEC/EN 60947-5-1 designation | | | B300 R300 |
| Rated insulation voltage Ui | | V | 400 |
| Rated impulse withstand voltage Uimp | | kV | 4 |
| Insulation class | | | I |
| IEC Conventional free air thermal current Ith | | A | 10 |
| Resistance per pole (average value) | | mΩ | <25 |
| Conductivity | | | 10mA 5V |
| **Mechanical features** | | | |
| Operating head fixing | | | Fixed |
| Operating torque | | | |
| | | N | 10 |
| | | lb | 2.2 |
| Tightening torque (Max) | | | |
| | Switch fixing | | |
| | | Nm | 2.5 |
| | | lbin | 22.1 |
| Cable connection | | | 2m / 5xAWG18-0.75mm2 PVC Style 2517 |
| Weight | | g | 310 |
| **Operations** | | | |
| Mechanical life | | cycles | >10000000 |
| Mechanical operation | | cycles/h | 3600 |
| **Ambient conditions** | | | |
| Temperature | | | |
| | Operating temperature | | |
| | | min °C | -25 |
| | | max °C | +70 |
| | Storage temperature | | |
| | | min °C | -40 |
| | | max °C | +70 |
| **Resistance & Protection** | | | |
| IP degree | | | |

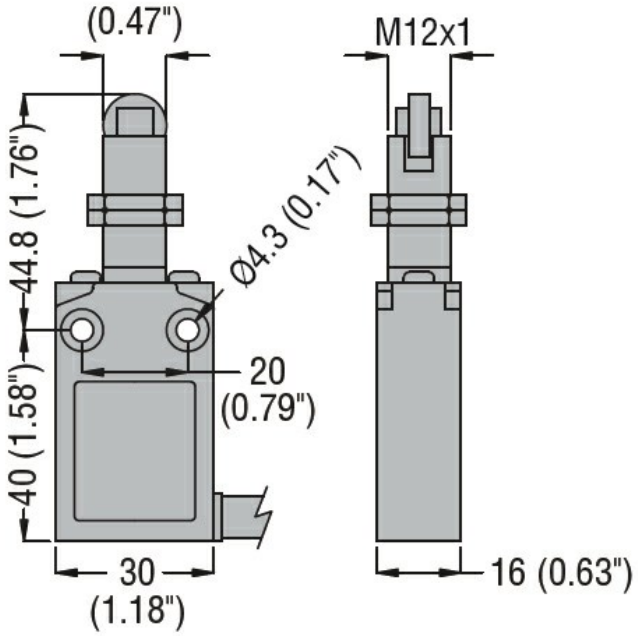

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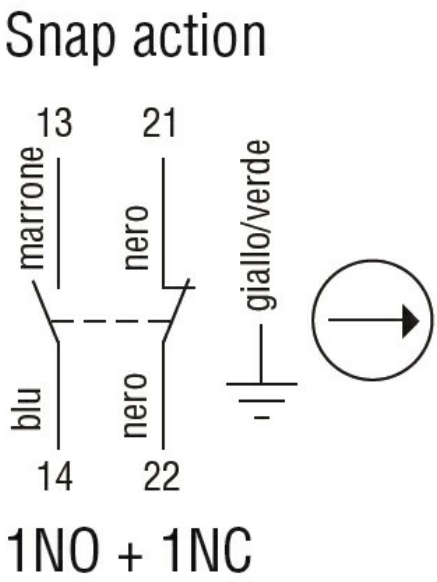
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| | | |
|---|---|---|
| | Body housing | IP67 |
| Pollution degree | | 3 |

## Dimensions




## Wiring diagrams




## Certifications and compliance

Compliance

| | |
|---|---|
| | CSA C22.2 n° 14. |
| | IEC/EN 60947-1 |
| | IEC/EN 60947-5-1 |
| | UL508 |

Certificates

| | |
|---|---|
| | cULus |
| | EAC |

## ETIM classification

| | |
|---|---|
| ETIM 8.0 | EC000030 - End switch |


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