



Product designation

M12 head top  
roller push  
plunger  
KPB5

Product type designation

### General characteristics

Material

Housing  
Roller

Aluminium-zinc  
alloy  
Plastic

### 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)

m?

<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

Weight

g

308

### 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

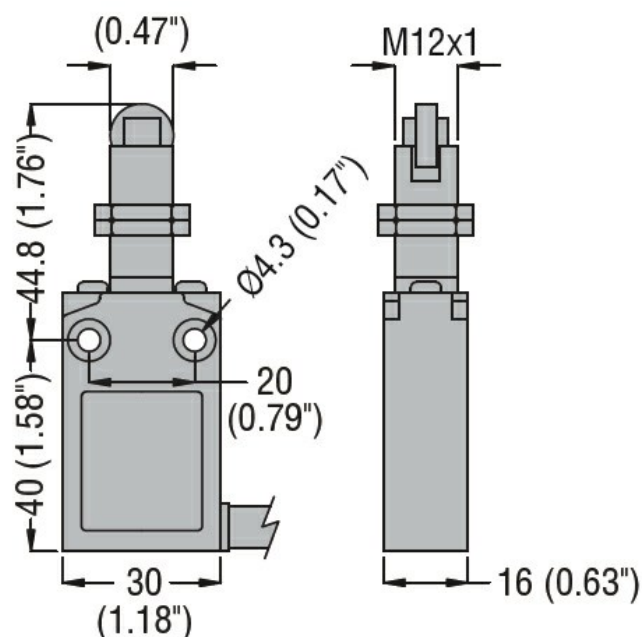
Body housing

IP67

Pollution degree

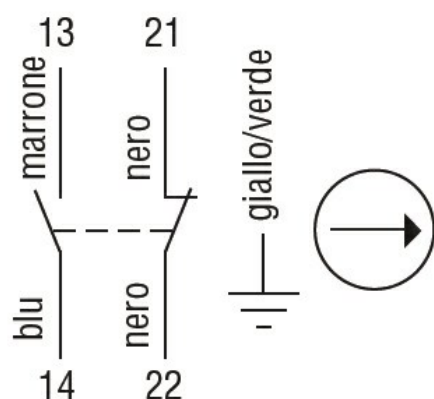
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### Dimensions



## Wiring diagrams

### Snap action



### 1NO + 1NC

## 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