



Product designation

M12 head top
roller push
plunger
KPB8

Product type designation

General characteristics

Material

Housing
Roller

Aluminium-zinc
alloy
Metal

Contact characteristics

Type of contact

1NO+1NC Slow
action

Thermal current I_{th}

A

10

IEC/EN 60947-5-1 designation

B300 R300

Rated insulation voltage U_i

V

400

Rated impulse withstand voltage U_{imp}

kV

4

Insulation class

I

IEC Conventional free air thermal current I_{th}

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

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

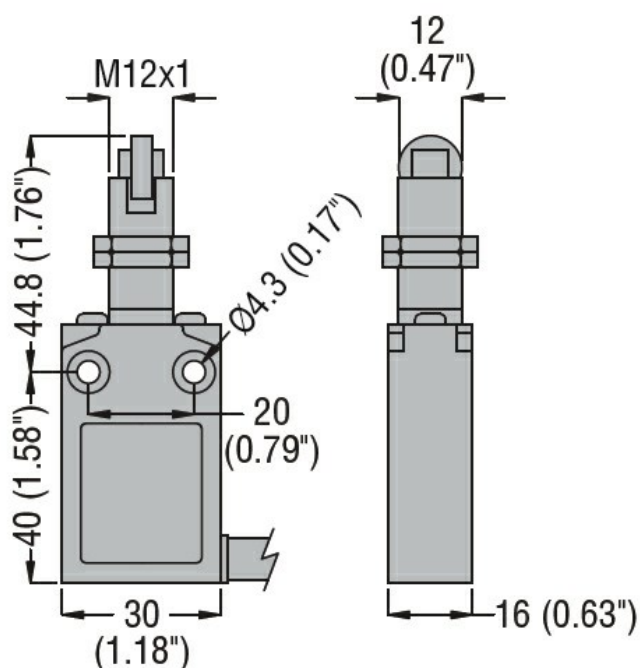
Body housing

IP67

Pollution degree

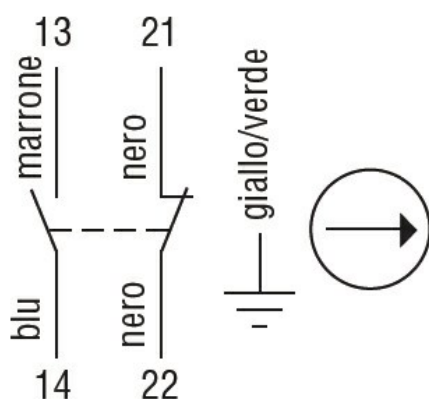
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Dimensions



Wiring diagrams

Slow 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