



Product designation

M12 head top
roller push
plunger
KPB8

Product type designation

General characteristics

Material

Housing	Aluminium-zinc alloy
Roller	Metal

Contact characteristics

Type of contact	1NO+1NC Snap 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)	m?	<25
Conductivity	10mA 5V	

Mechanical features

Operating head fixing	Fixed	
Operating torque	N	10

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

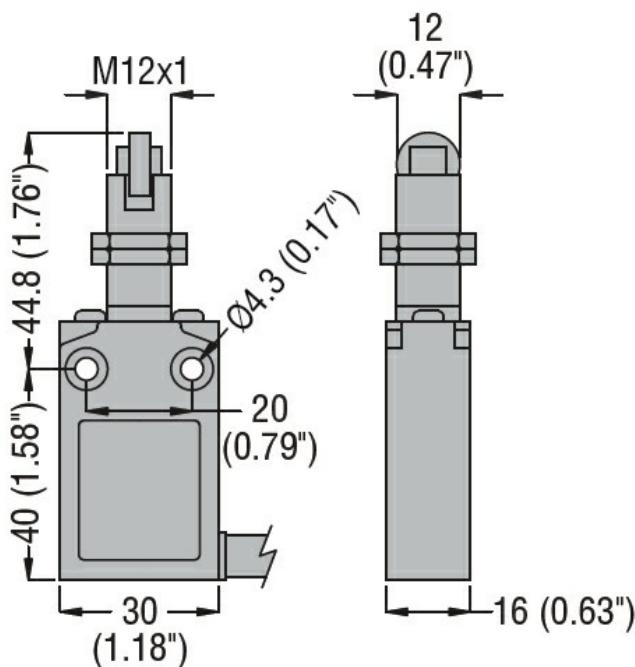
IP degree

Body housing IP67

Pollution degree

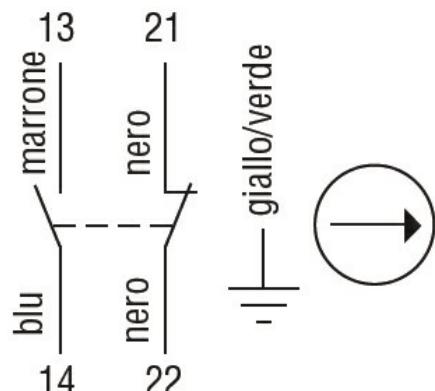
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Dimensions



Wiring diagrams

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