



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 lb	10 2.2
Tightening torque (Max)		
Switch fixing	Nm lbin	2.5 22.1
Weight	g	308

Operations

Mechanical life	cycles	>10000000
Mechanical operation	cycles/h	3600

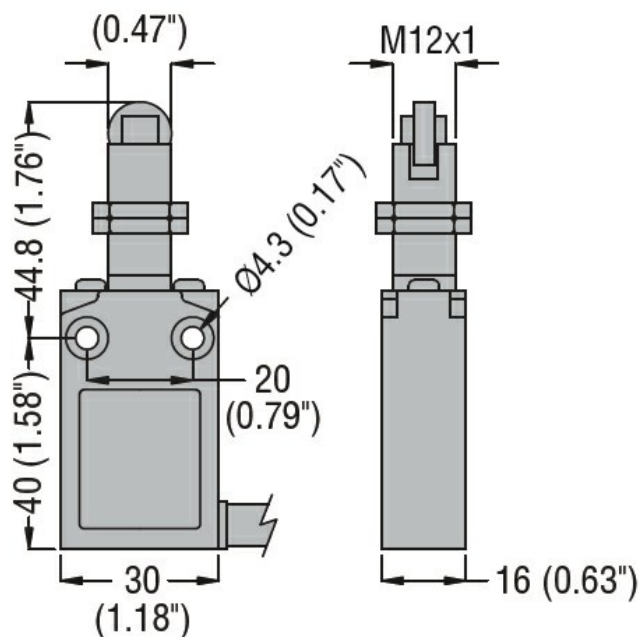
Ambient conditions

Temperature			
Operating temperature	min	°C	-25
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+70

Resistance & Protection

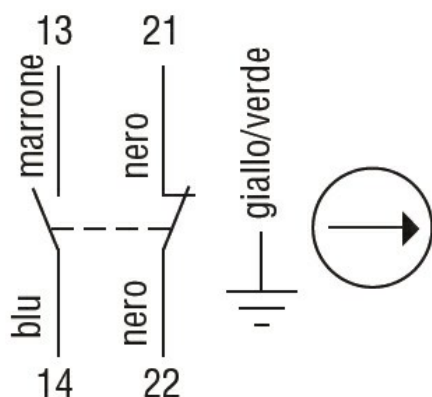
IP degree	Body housing	IP67
Pollution degree		3

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