



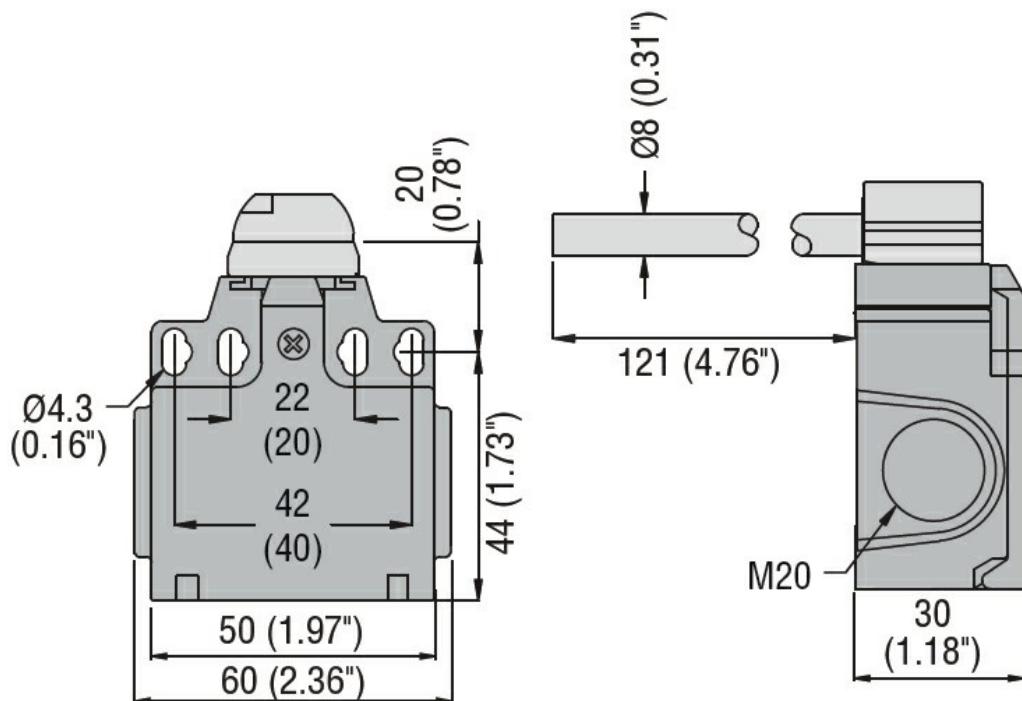
Product designation	Hinge operating KNP				
Product type designation					
General characteristics					
Material	Housing	Aluminium-zinc alloy			
	Rod	Long solid			
Contact characteristics					
Type of contact	2NC Slow action				
Thermal current I_{th}	A	10			
IEC/EN 60947-5-1 designation	A300 Q300				
Rated insulation voltage U_i	V	440			
Rated impulse withstand voltage U_{imp}	kV	4			
Short-circuit protection with fuse	Class/A	10 gG/SC QUICK FUSE			
Switching speed	min	m/s	0.5		
	max	m/s	1.5		
IEC Conventional free air thermal current I_{th}	A	10			
Resistance per pole (average value)	m?	<10			
Mechanical features					
Operating head fixing	Locking bayonet insert				
Operating torque	Ncm	15			
	ozin	21.2			
Tightening torque (Max)					
Switch fixing	Nm	2.5			
	lbin	22.1			
Contact terminals	Nm	0.8			
	lbin	7			
Body lid screw fixing	Nm	0.8			
	lbin	7			
Conductor section					
AWG/Kcmil	min	16			
	max	14			
IEC	min	mm ²	1 or 2		
	max	mm ²	2.5		
Cable connection	Self-releasing screw terminal				
Cable entry	M20 on the sides				

Operations

Mechanical life	cycles	100000
B10d	cycles	100000
Mechanical operation	cycles/h	3600
Ambient conditions		
Temperature		
Operating temperature	min	°C -25
	max	°C +70
Storage temperature	min	°C -40
	max	°C +70

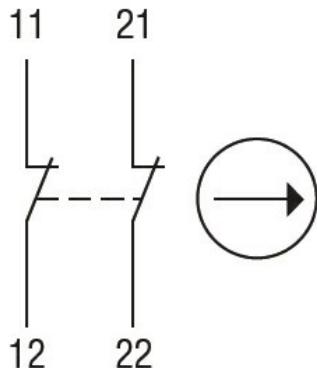
Resistance & Protection

IP degree	Terminals	IP20
	Body housing	IP65
Pollution degree		3
Dimensions		



Wiring diagrams

Slow action



2NC

Certifications and compliance

Compliance

CSA C22.2 n° 14

EN 50047

IEC/EN 60204-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000030 - End switch