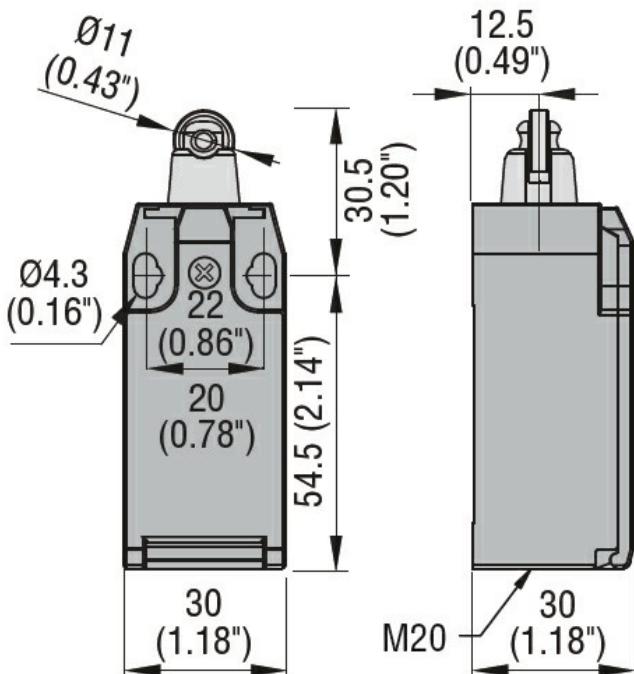




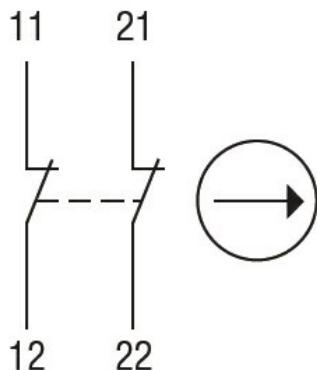
Product designation	Top roller push plunger KMB				
Product type designation					
General characteristics					
Material	Housing	Aluminium-zinc alloy			
	Roller	Plastic			
Contact characteristics					
Type of contact	2NC Slow action				
Thermal current $I_{th}$	A	10			
IEC/EN 60947-5-1 designation	A300 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	N	5			
	lb	1.1			
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 <sup>2</sup>	1 or 2		
	max	mm <sup>2</sup>	2.5		
Cable connection	Self-releasing screw terminal				

Cable entry	M20 on the sides		
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	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