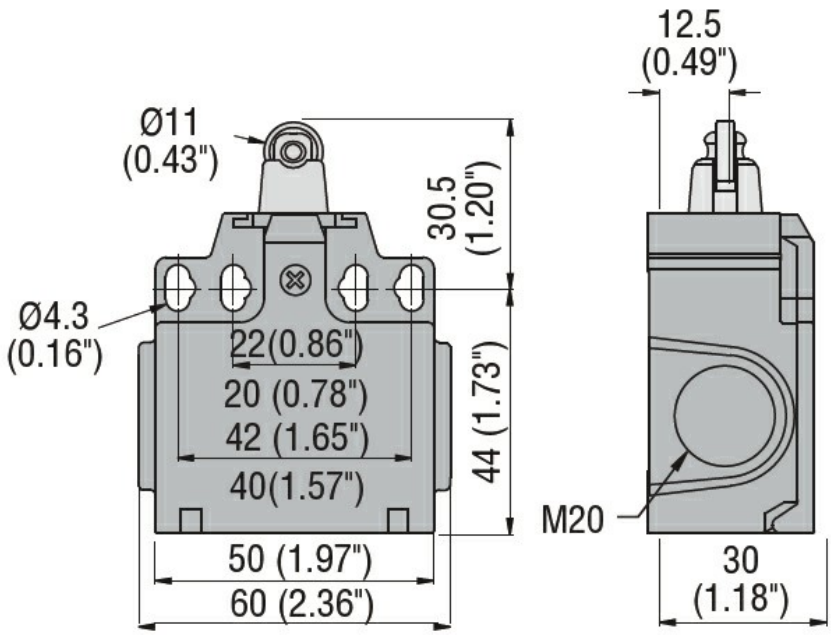
KNB1S11

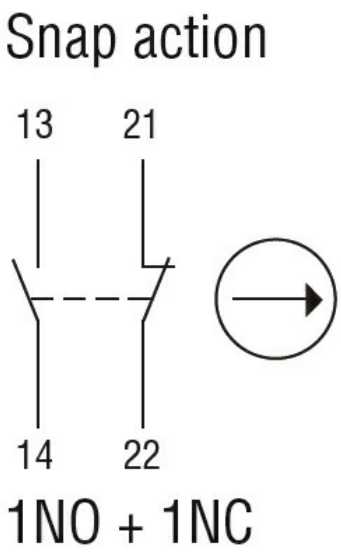
LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SNAP ACTION. PLASTIC ROLLER

Product designation				Top roller push plunger
Product type designation				KNB
General characteristics				
Material				
	Housing			Aluminium-zinc alloy
	Roller			Plastic
Contact characteristics				
Type of contact				1NO+1NC Snap action
Thermal current Ith			A	10
IEC/EN 60947-5-1 designation				A300 Q300
Rated insulation voltage Ui			V	440
Rated impulse withstand voltage Uimp			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 Ith			A	10
Resistance per pole (average value)			mΩ	<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	mm²	1or 2
		max	mm²	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



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