KNB1S02



LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. PLASTIC ROLLER



Product designation	Top roller push plunger
Product type designation	KNB
General characteristics	
Material	

		Housing		Aluminium-zinc
		Roller		alloy Plastic
Contact characteristics		Rollei		Plastic
Type of contact				2NC Snap action
Thermal current Ith			А	10
IEC/EN 60947-5-1 design	ation			A300 Q300
Rated insulation voltage U			V	440
Rated impulse withstand v			kV	4
Short-circuit protection wit	h fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional free air			А	10
Resistance per pole (aver	age value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	5
			lb	1.1
Tightening torque (Max)				
S	witch fixing			
			Nm	2.5
-			lbin	22.1
C	ontact terminals		Nime	0.0
			Nm Ibin	0.8 7
<u> </u>	ody lid screw fixing		IDIN	1
			Nm	0.8
			Ibin	7
Conductor section				,
	WG/Kcmil			
	-	min		16
		max		14
IE	C			
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

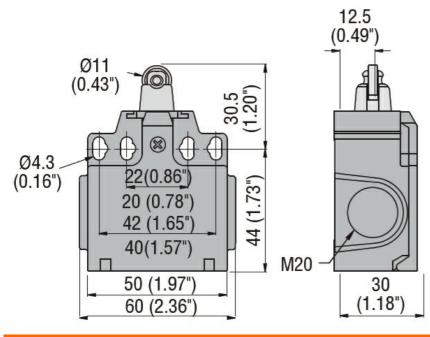
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Cable entry				M20 on the sides
Operations				
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions



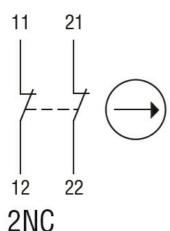
Wiring diagrams

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Snap action



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 EC000030 - End **ETIM 8.0** switch