ENERGY AND AUTOMATION

LIMIT SWITCH, K SERIES, WOBBLE STICK, OMNIDIRECTIONAL, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NO SLOW ACTION. FLEXIBLE ROD



KNM1L20

Product designation	Wobble stick, omnidirectional
Product type designation	KNM
General characteristics	
Material	

		Housing		Aluminium-zinc
		Rod		alloy Flexible
Contact characteristic	5	Rod		
Type of contact				2NO Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	signation			A300 Q300
Rated insulation voltage	-		V	440
Rated impulse withsta	nd voltage Uimp		kV	4
Short-circuit protectior	n 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		А	10
Resistance per pole (a	average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ncm	1
			ozin	1.42
Tightening torque (Max	x)			
	Switch fixing			
			Nm	2.5
			lbin	22.1
	Contact terminals			
			Nm	0.8
			lbin	7
	Body lid screw fixing			
			Nm	0.8
<u> </u>			lbin	7
Conductor section				
	AWG/Kcmil			10
		min		16
	150	max		14
	IEC			1
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal

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

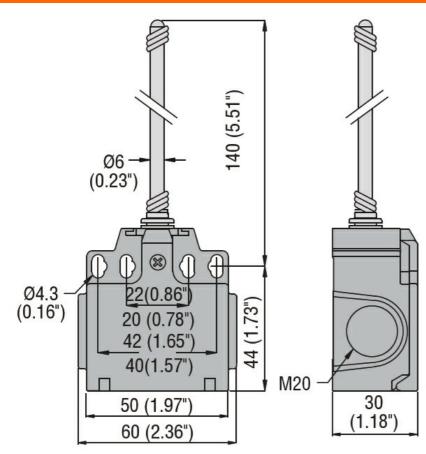


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Cable entry				M20 on the sides
Operations				
Mechanical life			cycles	<10000000
Mechanical operation			cycles/h	
Ambient conditions			,	
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions



Wiring diagrams

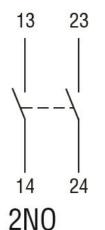
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Slow action



Certifications and co	ompliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	000	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch