KSB1S

PLASTIC MICRO SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER. M12 FIXING HEAD. CONTACTS 1NO/NC. SOLDER TERMINALS

Product designation			Top roller push plunger
Product type designation			KSB1
General characteristics			
Material			
	Housing		Polymer thermoplastic
Contact characteristics			
Type of contact			1NO/NC
Thermal current Ith		A	15
IEC/EN 60947-5-1 designation			A600 P300
Rated insulation voltage Ui		V	250
Switching speed			
	min	m/s	0.01
	max	m/s	1
Operating speed			
	min	m/s	0.05
	max	m/s	1
IEC Conventional free air thermal current Ith		A	15
Resistance per pole (average value)		mΩ	<15
Conductivity			10mA 5V
Mechanical features			
Terminals type			Solder
Operating head fixing			Fixed
Operating torque			
		N	2.5
		ozin	9
Weight		g	57
Operations			
Mechanical life		cycles	20000000
Electrical life		cycles	500000
Mechanical operation		cycles/h	240
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
IP degree			
	Body housing		IP00 or IP20 with terminal shroud
Pollution degree			3

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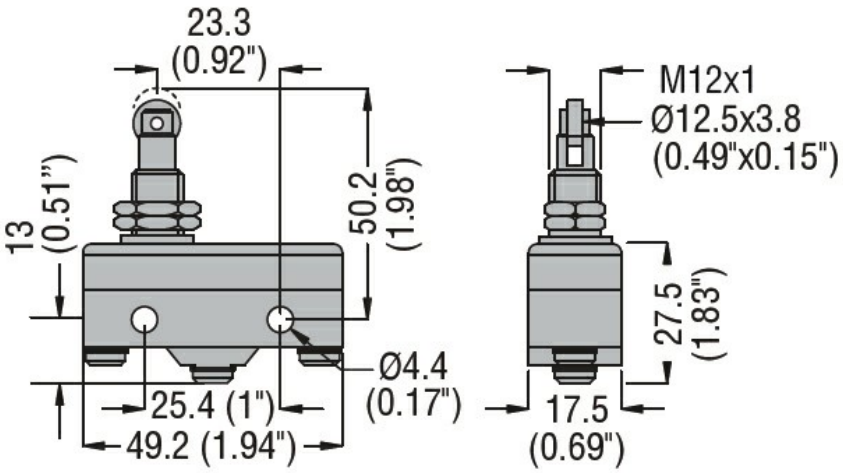
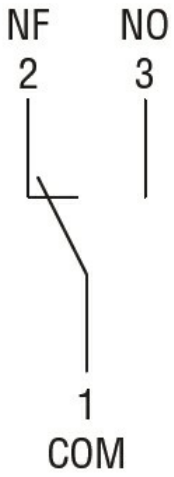
Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14.
IEC/EN 60947-1
IEC/EN 60947-5-1
IEC/EN 61058-1
UL508

Certificates

cURus
EAC

ETIM classification

ETIM 8.0	EC000030 - End switch

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