

Product designation	Prewired (2m cable) metal limit switches - M12 Head top roller push plunger KPB8		
Product type designation	KPB8		
General characteristics			
Material	Housing	Aluminium-zinc alloy	
	Roller	Metal	
Contact characteristics			
Type of contact			1NO+1NC Snap action
Thermal current I _{th}	A	10	
IEC/EN 60947-5-1 designation			B300 R300
Rated insulation voltage U _i	V	400	
Rated impulse withstand voltage U _{imp}	kV	4	
Insulation class			I
IEC Conventional free air thermal current I _{th}	A	10	
Resistance per pole (average value)	mΩ	<25	
Conductivity			10mA 5V
Mechanical features			
Operating head fixing			Fixed
Operating torque	N	10	
	lb	2.2	
Tightening torque (Max)			
Switch fixing	Nm	2.5	
	lbin	22.1	
Weight	g	310	
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	Body housing	IP67	
Pollution degree			3
Dimensions			
Wiring diagrams			
Certifications and compliance			
Compliance	CSA C22.2 n° 14.		
	IEC/EN 60947-1		

IEC/EN 60947-5-1

UL508

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC000030 - End
switch