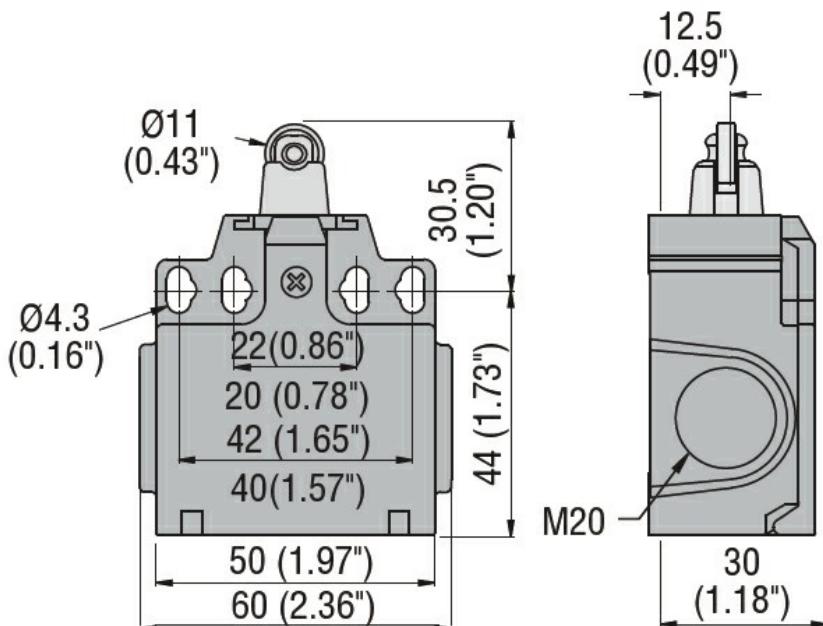




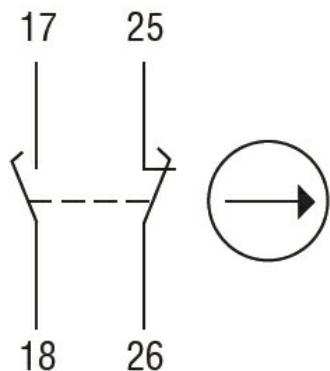
Product designation	Top roller push plunger KNB					
Product type designation						
General characteristics						
Material						
	Housing	Aluminium-zinc alloy				
	Roller	Plastic				
Contact characteristics						
Type of contact	1NO+1NC Slow action make before break					
Thermal current I_{th}	A	10				
IEC/EN 60947-5-1 designation	A300 Q300					
Rated insulation voltage U_i	V	440				
Rated impulse withstand voltage U_{imp}	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 I_{th}	A	10				
Resistance per pole (average value)	m?	<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	mm ²	1 or 2			
	max	mm ²	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	<table> <tr> <td>Operating temperature</td> <td>min</td> <td>°C</td> <td>-25</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table> <table> <tr> <td>Storage temperature</td> <td>min</td> <td>°C</td> <td>-40</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			Operating temperature	min	°C	-25		max	°C	+70	Storage temperature	min	°C	-40		max	°C	+70
Operating temperature	min	°C	-25																
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Resistance & Protection																			
IP degree	<table> <tr> <td>Terminals</td> <td>IP20</td> </tr> <tr> <td>Body housing</td> <td>IP65</td> </tr> </table>			Terminals	IP20	Body housing	IP65												
Terminals	IP20																		
Body housing	IP65																		
Pollution degree	3																		
Dimensions																			



Wiring diagrams

Slow action



1NO + 1NC
make before break

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