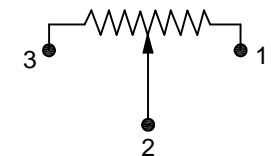
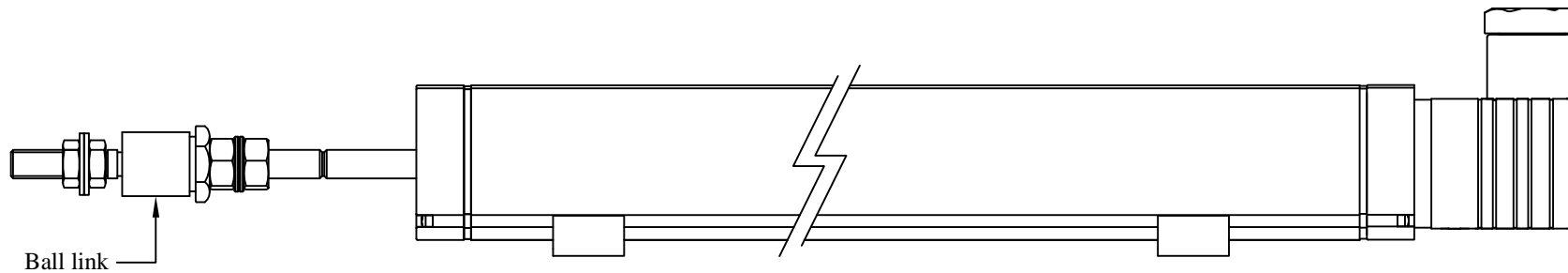
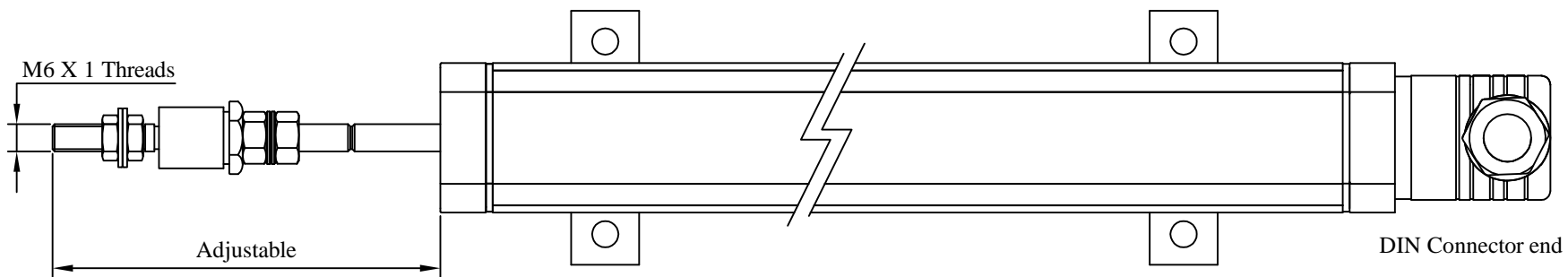
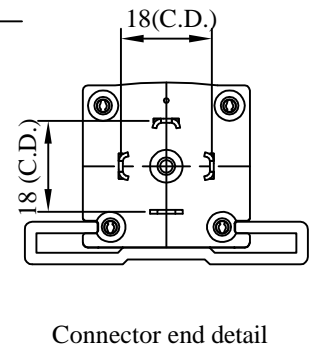
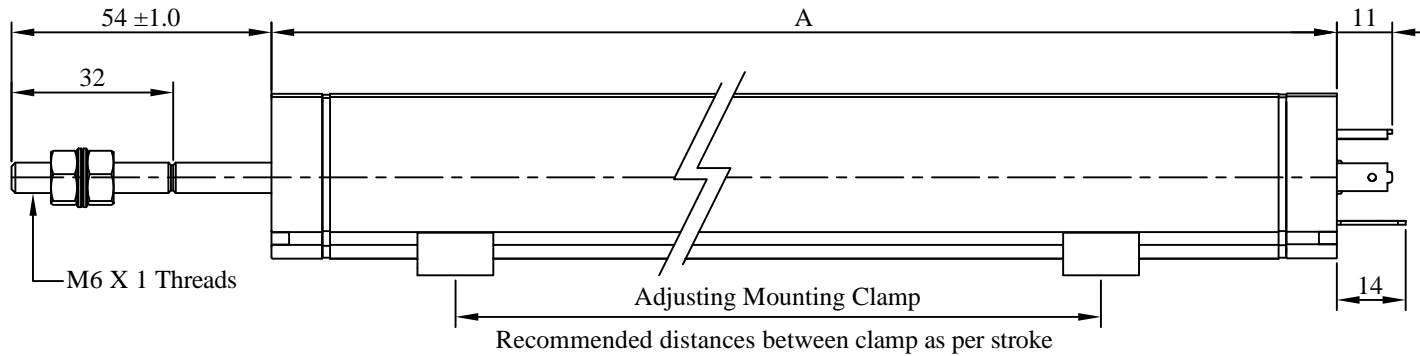
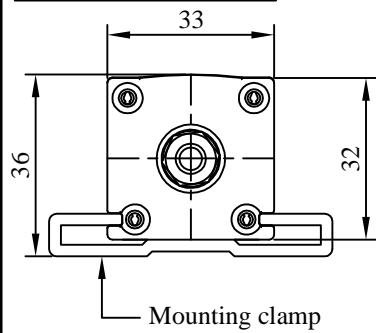


Dimensions :- Metric



ELECTRICAL SCHEMATIC DIAGRAM

Uni-Automation (I) Pvt Ltd

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CONDUCTIVE PLASTIC
LINEAR MOTION POTENTIOMETER

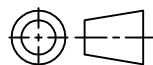
MODEL UNILIN 33 (762)

First Issue : 28/07/17

Scale : 1:1

Tolerances
DIN-ISO 2768-1 (1991-06)
(Tolerance class-medium)

UAPL PART NO
149762



CUSTOMER DRAWING REF NO
NA

REV -00

CUSTOMER : UAPL STANDARD

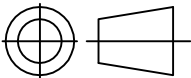
SHEET

1 of 2

NOTE :-

CONTINUOUS IMPROVEMENTS ARE BEING MADE FOR ENHANCING PERFORMANCE FOR CUSTOMER BENEFIT IN PRODUCT DESIGN & PROCESS. THE PRODUCT SUPPLIED MAY BE SLIGHTLY DIFFERENT THAN DESCRIBED BY ABOVE SPECIFICATIONS

Electrical Data																						
Electrical Stroke (useful stroke 100%)	50	75	100	130	150	175	200	225	250	275	300	325	360	375	400	450	500	550	600	750	900	mm
Nominal resistance	3	3	3	5	5	5	5	7	7	7	7	10	10	10	10	10	10	15	15	15	15	k
Resistance tolerance	20																				±%	
Independent linearity (Typical)	0.05																				±%	
Repeatability	0.01																				mm	
Recommended operating wiper current	≤ 1																				mAmp	
Maximum permissible wiper current (in case of system failure)	10																				mAmp	
Maximum permissible applied voltage	24																				VDC	
Effective temperature coefficient of the output-to-applied voltage ratio	Typical 5																				ppm/K	
Insulation resistance (500 VDC)	500																				M	
Dielectric strength (50 Hz)	500																				Vdc	
Mechanical Data																						
Body length (dimension A)	115	140	165	195	215	240	265	290	315	340	365	390	425	440	465	515	565	615	665	815	965	±3 mm
Mechanical stroke	55	80	105	135	155	180	205	230	255	280	305	330	365	380	405	455	505	555	605	755	905	±3 mm
Total weight (+/- 20 g)	133	200	230	270	300	330	360	390	400	450	480	510	550	570	600	660	720	780	850	1030	1200	g
Operating force with seal for IP 65	< 10																				N	
Environmental Data																						
Temperature range	-40 ... +125																				°C	
Vibration	5...2000																				Hz	
Shock	50																				g	
Life	25 x 10 ⁶																				movem.	
Operating speed	10																				m/s max.	
Protection class	IP65																					

UNI-AUTOMATION (I) PVT LTD TEL/FAX:+91-20-24420890 www.uniautomation.com		CONDUCTIVE PLASTIC LINEAR MOTION POTENTIOMETER			
		MODEL UNILIN 33 (762)			
FIRST ISSUE : 28/07/17	SCALE :1:1			CUSTOMER DRAWING REF NO NA	REV -00
TOLERANCES DIN-ISO 2768-1 (1991-06) (TOLERANCE CLASS-MEDIUM)	UAPL PART NO 149762			CUSTOMER : UAPL STANDARD	SHEET 2 of 2