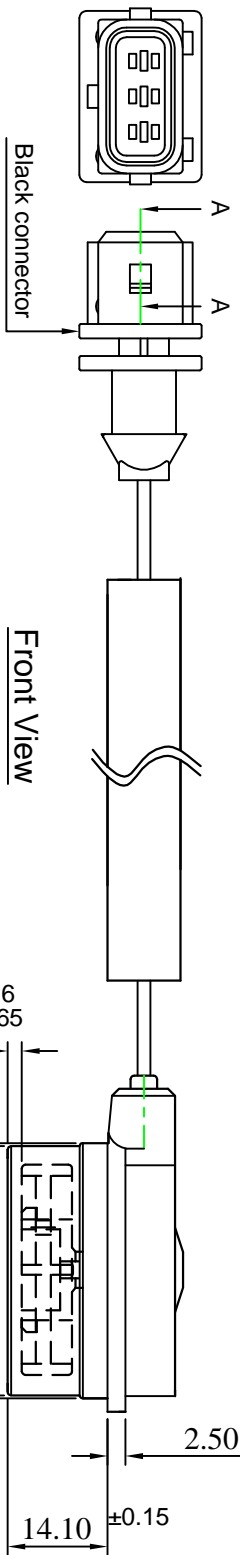
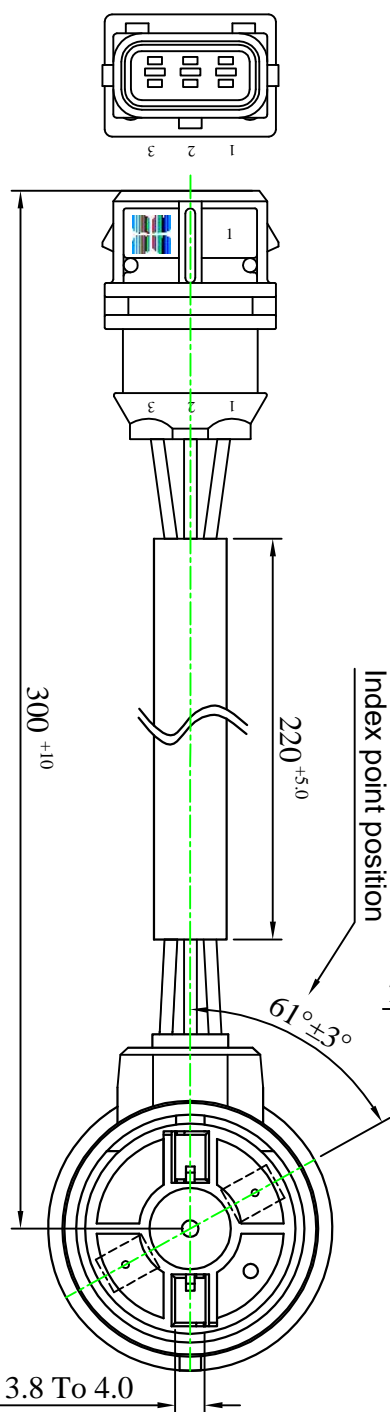


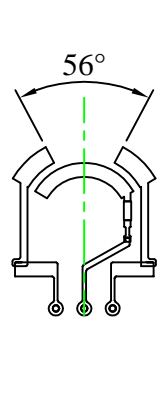
Dimensions :- Metric



Front View



Rear side View



Electrical Schematic Diagram

Uni-Automation (I) Pvt Ltd
 Tell/Fax:+91 -(020)-24420890
 www.uniautomation.com

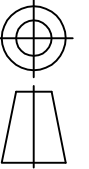
**CONDUCTIVE PLASTIC
 TPS POTENTIOMETER**

TPS Z3-364

First Issue : 2011.15.10
 Scale:- 1:1

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

UAPL PART NO
199001



CUSTOMER DRAWING REF NO
 NA
 Customer : Bosch

REV - 00
 SHEET
 1 of 1

ELECTRICAL CHARACTERISTICS :-	UNITS	VALUE
Resistance Element.....	--	Conductive Plastic
Total Resistance.....	Ohms	1k +/-20%
Wiper Protection Resistance.....	Ohms	800 +/-20%
Independent Linearity/Tolerance.....	±%	±%
Absolute Linearity.....	1	2.5
Connection based linearity.....	1	1
Variation of linearity.....	±%	0.7
Index point (3.84 v/dq) deviation at 5 v dc i/p.....	Degrees	61°±3.0°
Electrical angle.....	Degrees	56° ±1°
Resolution.....	--	Essentially infinite
Supply voltage	Volt	5 ±5%
End voltage supply voltage @ of 5 volt DC	mV	25 Max
MECHANICAL CHARACTERISTICS :-		
Rotation (Mechanical Angle)	Degrees	100°
Stopper.....	Nm	<3
Torque... Starting.....		
ENVIRONMENTAL CHARACTERISTICS :-		
Operating Temperature.....	Degrees C	-40 to +125° C
ROHS compliance	--	Yes
Protection class	--	IP:54
PERFORMANCE :-		
Rotational Life (shaft Revolutions half or full stroke)	Nos.	3,000,000