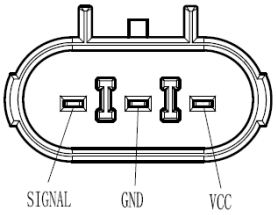
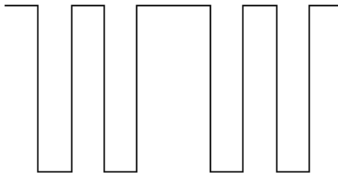
NAME	CS-U151 Crankshaft Sensor	NO	CS-2-3-972

Picture

Plug

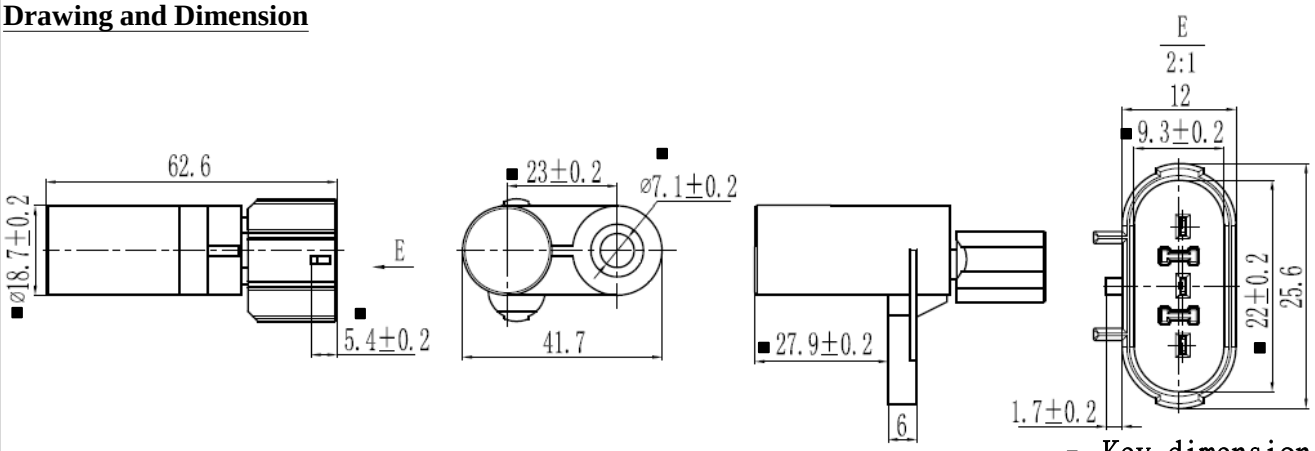


Waveform



(Open Collector for 1KΩ)

Drawing and Dimension



TYPE：■Hall □ Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance（25℃）	R	N/A	N/A	N/A	ohm
Inductance@1KHz	L	N/A	N/A	N/A	mH
Working Voltage	V	5	12	18	V
Detecting range	Air Gap	0.5	1.0	1.5	mm
Magnetic field direction SFS=South facing sensor NFS=North facing sensor		N/A	SFS	N/A	
Duty ratio(t1/T)	Duty	30	50	70	%
Temperature	To	-40	25	125	℃
Reference Teeth		N/A	24-2	N/A	
Output Voltage Low (600RPM,12V,1mm)	V_{OL}	-1	0	1	V
Output Voltage High (600RPM,12V,1mm)	V_{OH}	11	12	13	V

2021.04.29		1	王亮	呂漢榮	黃鵬	MOBILETRON
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