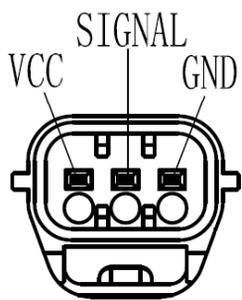
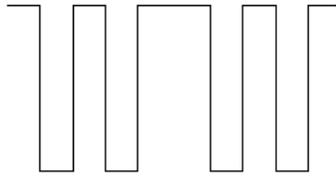
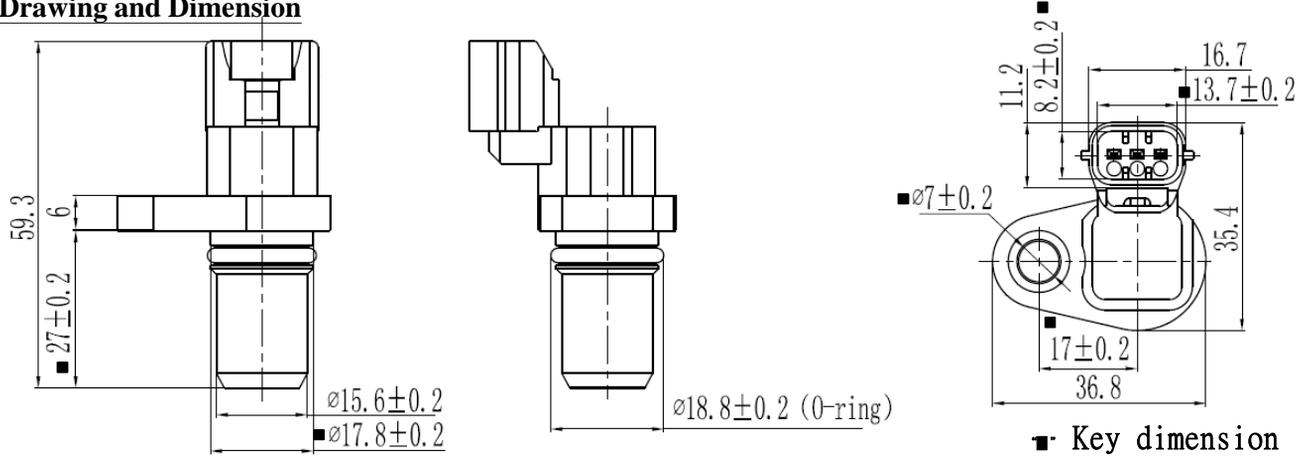


NAME	CS-J163 Camshaft Sensor	NO	CS-2-3-983
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Picture 	Plug 	Waveform  (Open Collector for 1KΩ)
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Drawing and Dimension


Dimensions shown in drawings:
 - Total height: 59.3 mm
 - Flange thickness: 6 mm
 - Flange diameter: 27 ± 0.2 mm
 - O-ring diameter: $\varnothing 18.8 \pm 0.2$ mm
 - Sensor body diameter: $\varnothing 15.6 \pm 0.2$ mm
 - Sensor body length: $\varnothing 17.8 \pm 0.2$ mm
 - Top view dimensions: 11.2 mm, 8.2 ± 0.2 mm, 16.7 mm, 13.7 ± 0.2 mm, 35.4 mm, 36.8 mm, 17 ± 0.2 mm, $\varnothing 7 \pm 0.2$ mm.

■ Key dimension

TYPE : ■ Hall □ Magnetic

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Resistance (25°C)	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	-30	25	125	°C
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

2021.05.20		1	王亮	呂漢榮	黃鵬	MOBILETRON
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