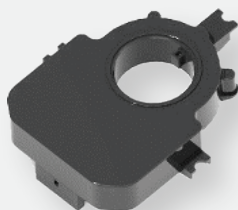




# Sensors



Reverse Parking Assist System



Steering Angle Sensor



Crank / Cam Sensor



Speed Sensor



Temperature Sensor



TPMS Sensor

## Specifications

Operating Conditions	RPAS	Steering Angle	Crank/Cam	Speed	Temperature	TPMS
Operating frequency	55.5±2 kHz	-	-	-	-	-
Operating voltage	10 V to 36 V DC	8 V to 32 V DC	4.5 V to 16 V	4.5 V to 16 V	-	3.6 V
Consumption current	10 mA Max	50 mA	-	-	-	10 mA Max
Operating temperature	-40°C to +85°C	-30°C to +85°C	-	-	-40°C to +200°C	-40°C to +120°C
IP code	IP6K7 & IP6K9K	-	-	-	-	IP6K7 & IP6K9K
Measuring Angle	-	±2160°	-	-	-	-
Output frequency range	-	-	8000 Hz Max	8000 Hz Max	-	-
Operational air-gap	-	-	0.2 mm to 2 mm	0.6 mm to 1.8 mm	-	-
Continuous output current	-	-	9 mA Max	9 mA Max	-	-
Resistance @25°C	-	-	-	-	1.952 KΩ ~ 10KΩ	-
Beta (β) operational range	-	-	-	-	3328 ~ 3977	-
Operating pressure	-	-	-	-	-	100 to 1300 Kpa