



Dual out put Non-contact angle sensor

RSM28

Feature

- Long life (No electrical contact)
30 million cycles.
- Wide angle range.
- Detection of guide wire malfunction.
- Water proof (option)
- Magnet shield (option)

Application

- Steering wheel angle detection
- Robotics
- Actuator
- Valve position detection



Specifications

Items	Unit	Rating
Supply voltage	V	5±0.5
Supply current	mA	≤16 (non load)
Angular range	°	360 (Std.), 60 to 360 (Option)
Absolute linearity	%F. S.	≤1
Output voltage	%Vdd	8 to 92 (0.4~4.6[V] @Vdd=5.0[V])
Operating temperature range	°C	-40 to 125°C
Torque	mN. m	≤5 (std.), ≤20 (O-ring seal)
Hysteresis	%F. S.	≤0.2
Rotation life	cycle	50 million
Output Resolution	%Vdd/LSB	0.025 (1.25[mV] @Vdd=5.0[V])
Mechanical travel	°	360
IP: International Protection	-	IP 50 (std.) IP 65 (Option)