

MIDORI's Touchless Angle Sensor CP2HX



Usage Case

Case 1

User A Marine Equipment maker

Market Marine Equipment

Installed Outboard

Application Lever control
● Detecting Lever angle

User's Voice



The Sensor parts are **quite thin** so that we **could realize to miniaturize** control lever.
Detecting part and rotational shaft part are not touched and water proof IP67, so reliability of marine electrical lever has been improved under water splashing condition.



Case 2

User A Forklift maker

Market Industrial automobile

Installed Forklift

Application Control of steering angle
● Detecting tire steering angle

User's Voice



We were looking for a sensor which **withstands shock and vibration** by Road Noise. CP2HX is **touchless type of the sensor parts and the shaft part**, so we could employ it without anxiety.



Case 3

User A Printing Machine maker

Market Converting manufacturing

Installed Rotary Printing Press

Application Tension control of printing paper
● Detecting angle of control lever



User's Voice



We are looking for a wear-less angle sensor. CP2HX is **not touched the sensor part and the shaft part**, so that it has been got stable **output without noise such as wear** of conductive plastic element of potentiometers.

Case 4

User A Construction Machine maker

Market Construction machinery

Installed Truck Mounted Crane

Application Turning angle detection
● Control of Rotational angle position



User's Voice



CP2HX has been applied under harsh condition such as vibration, water and oil splash. By the sensor part is only **7mm thickness**, we could resolve our task of **miniaturize mechanism** as well.



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