MIDORI's Touchless Angle Sensor CP2HX



Usage Case

Case 1

User

A Marine Equipment maker

Market

Marine Equipment

Installed

Outboard

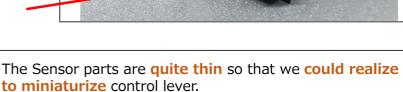
Application

Lever control

Detecting Lever angle

User's Voice





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.

