

# MIDORI's Rotary Encoder CE58M

## Usage Case



### Case 1

User

A Special vehicle maker

Market

Special vehicle

Installed

Aerial Work Platform

Application

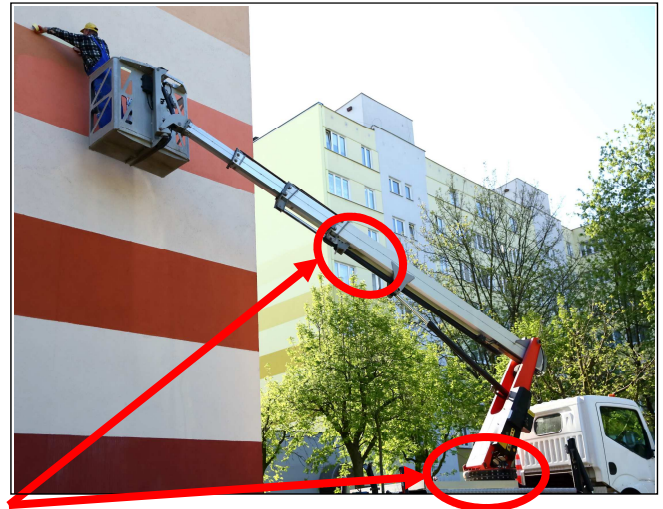
Detecting boom-angle and length

- Control of swiveling angle and expansion length

User's Voice



For special vehicle usage, we were looking for a high accuracy rotary encoder. Although CE58M has high resolution, 17bit (single turn) but also it endures shock and vibration and it is water-drip proof type. It is suitable for our application, outdoor use..



### Case 2

User

A Measuring equipment maker

Market

Civil engineering & construction

Installed

Depth measuring device

Application

Measuring depth of pit excavating

- Control of rotational angle position of winding roller

User's Voice



CE58M is suitable encoder for our application which is used in harsh conditions. It has also memorized number of turns function.



## Case 2

User

A Geological survey equipment maker

Market

Geological survey

Installed

Landside monitoring system

Application

Detecting the slip on a ground

- Monitoring crack and landside of the ground

User's Voice



CE58M is used under severely temperature change condition because the system is placed in a mountainous area. CE58M is operating temperature range is  $-20\sim+80^{\circ}\text{C}$  so that it is no problem.



## Case 4

User

A processing machine maker

Market

Industrial machinery

Installed

Metal working machine

Application

Detecting angle of Ball screw

- Detecting position of XY stage.

User's Voice



We were worry about using the Encoder under oil-mist condition such as metal processing. CE58M has water-drip proof, IP65 and it is magnetic type encoder which is not influenced dirty like optical encoder.

