

M05 Steering Wheel

The M05 steering wheel unit has been designed for high-speed applications, and is extremely shock resistant. This though yet deliciously smooth.

Though and smooth:

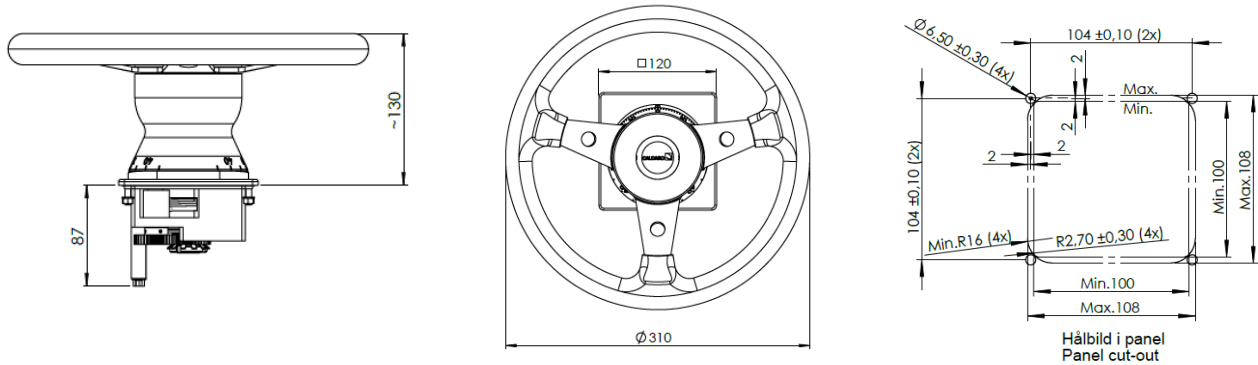
- **Extremely shock resistant** – The housing milled from a rigid block of aluminum guarantees safe operation in every situation.
- **Premium look** – Brushed black anodized aluminum finish on panel plate.
- **LED Illumination** – Dimmable LED illumination guarantees effortless readout in every situation.
- **Safety first** – Can be equipped with dual independent hall-effect sensors.
- **Versatile** – Various versions of wheels; anodized aluminum, rubber coated.

Other features making M05 irresistible:

- Friction hold or spring return
- Center cap with custom logo
- Hall-effect sensor or potentiometer
- Made in Sweden



Standard dimensions



Specifications

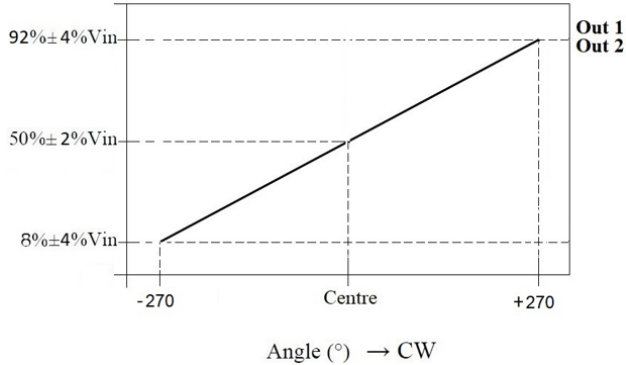
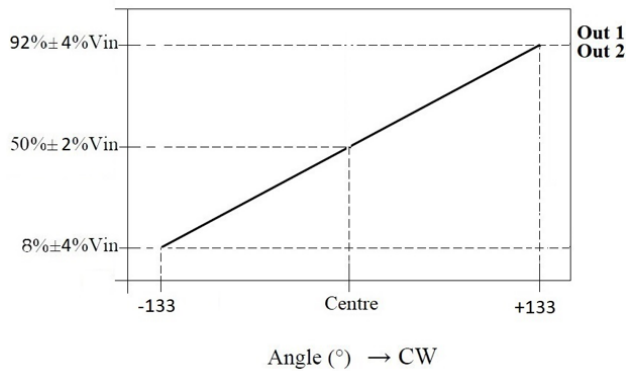
Handle movement	266° (+/-133°) or 540° (+/- 270°)
Indicator	45-0-45, 30-0-30 or unnumbered
Detent	On zero
Materials	Black anodized aluminum, White PMMA scale (green backlight)
Sensors	Hall effect sensor / Potentiometer
Enclosure	IP66 from panel and above
LED	Green, voltage dimmable LED 8-24VDC
Connector	D-Sub 25-pole male
Sensor	Hall effect Sensor (M05-H) 5VDC Dual output Potentiometer 2x10kΩ (M05-P)
Standard wheel dim	Ø 310mm
Standard versions	M05-H Hall-effect sensor, friction hold, zero detent, +/- 270° M05-P Potentiometer sensor, friction hold, zero detent, +/- 270° M05A-H Hall-effect sensor, friction hold, zero detent, +/- 133° M05A-P Potentiometer sensor, friction hold, zero detent, +/- 133° M05ASR-H Hall-effect sensor, spring return, +/- 133° M05ASR-P Potentiometer sensor, spring return, +/- 133°
Other options	Customer logo on panel and/or center cap Other options available on request

Pin Configuration

Dual Independent Hall-effect sensors (M05-H, M05A-H, M05ASR-H)	Potentiometer (M05-P)	Potentiometer (M05A-P, M05ASR-P)
<ol style="list-style-type: none"> 1. In-A +5VDC (Red) 2. GND-A (Black) 3. Out-A (White) 4. In-B +5VDC (Green) 5. GND-B (Yellow) 6. Out-B (Blue) 8. +24V LED (Green) 9. GND LED (Black) <p style="text-align: right; margin-top: 10px;">Wiring diagram 501013</p>	<ol style="list-style-type: none"> 1. Blue +5V (A) 2. White GND (A) 3. Gray Out (A) 4. Purple +5V (B) 5. Brown GND (B) 6. Pink Out (B) 8. +24V LED (Green) 9. GND LED (Black) <p style="text-align: right; margin-top: 10px;">Wiring diagram 501012</p>	<ol style="list-style-type: none"> 1. Blue +5V (A) 2. Gray Out (A) 3. White GND (A) 4. Purple +5V (B) 5. Pink Out (B) 6. Brown GND (B) 8. +24V LED (Green) 9. GND LED (Black) <p style="text-align: right; margin-top: 10px;">Wiring diagram 501014</p>

Output options

Potentiometer



Hall-effect

