

## ➤ Precise

**gSENS WGC capacitive angle sensors are an ideal choice for for all alignment and leveling tasks in mobile machines.**

- Absolute encoder
- Technology: liquid capacitive inclinometer
- High operational reliability, also in extreme conditions
- Simple zero-point adjustment using LED signal
- Robust design
- Long service life due to no mechanical wear

## ➤ Compact

**gSENS WGX sensors from Hirschmann MCS can be used for all kinds of angle and position measurements on mobile machines.**

- Absolute encoder
- Measuring via MEMS technology
- Single- and two-axis configurations
- Any zero-point setting via software
- Compact design
- Long service life due to no mechanical wear



## ➤ Technical Specifications

Description	WGC	WGX	
Axes	1	1	2
(Measurement) technology	Capacity	MEMS	MEMS
Measured angle	± 180°/180°	360°	± 80°
Output signal	CAN/current	CAN/current	CAN/current
Resolution	± 0,1°	± 0,01°	± 0,01°
Accuracy (sum)	± 0,4°	± 0,1°	± 0,1°
Interface connection	M12 male	M12 male	M12 male
Configuration interface		RS232	RS232
Protection rating	IP 66/67	IP 66/67 and IP69k	IP 66/67 and IP69k
Temperature range	- 40°C to + 85°C	- 40°C to + 85°C	- 40°C to + 85°C