

gSENS WGC 360 (CAN interface)

PCN-no.	WMC-PCN-2023-1203
Announcement date	December 21, 2023
Subject	Redesign of inclination sensor gSENS WGC 360/15xx (CAN)

Reason for change End of life of components

Description Due to discontinued components by the supplier, the CAN version of the inclination sensor “gSENS WGC” was redesigned. The new sensor gSENS TLT-C provides improvements including a new housing as well as new electrical components.

The new gSENS TLT-C sensor is pre-configured to be a 1-to-1 backwards compatible replacement with same damping behavior. **Please note**, that this compatibility mode leads to a limited measurement range of $\pm 160^\circ$.

An extended measuring range of $\pm 180^\circ$ is available for gSENS TLT-C sensors, which are not configured in the compatibility mode mentioned above.

Alternative filter setups can be configured on individual request to optimize existing or future systems. The measuring range here is $\pm 180^\circ$. Please contact our sales department for personal consultation.

Available documentation Manual, data sheet

Products affected Please see list below

Affected Inclination Sensors (WGC 360/15xx):

Part# old	Product name old	Part# new	Product name new
606657	WGC 360/1501, CAN,AP, M12, A, D0.5	83903568	gSENS TLT -C-00 360/2501-C1/00-180/180-R02-03-2RK132W081
607152	WGC 360/1502, CAN,M12,A,no AW, X-axis	83903570	gSENS TLT -C-00 360/2502-C1/00-180/180-R02-03-2IK132W087
607153	WGC 360/1503, CAN,M12,A,no AW, Y-axis	83903571	gSENS TLT -C-00 360/2503-C1/00-180/180-R02-03-2IK132W088
607743	WGC 360/1504, CAN,AP,M12,A,D0.5,ID=85	83903577	gSENS TLT -C-00 360/2504-C1/00-180/180-R02-03-2IK132W085
609052	WGC 360/1502, CAN,M12,A,no AW, X-axis	83903579	gSENS TLT -C-00 360/2505-C1/00-180/180-R02-03-2IK232W081

Affected Systems:

Part#	Product name
902871	System, Mentor, LMB
902942	System, Mentor, LMB
903106	System, qSCALE I2, Standard, DIO_CAN
903124	System, qSCALE, S6
903129	System, qSCALE I2, DIO_CAN
903133	System, qSCALE, S6
903157	System, Mentor
903165	System, gSENS LWG 521/1009

For further questions or any additional assistance, please contact your key account manager or your local sales office directly. All contacts for sales representatives are available here: [WMC Global Network](#)