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New 'DIS Configurator set' overview

Version: v1.2 (20211208)

Scope:

The new "DIS configurator set" is a newly designed configurator for supporting new sensor models.
It is a tool for configuring of programmable sensors with a PC.
User can easily change certain parameters in case of sensor installation or field test etc. The changes on those settings have no influences on the calibration data so the factory-accuracy is maintained.
The DIS configurator is ideal for distributors as well as for end-users during development / engineering project phase.

In this document, you will get an overview of this new DIS configurator set and the product iteration plan.
The legacy products such as QG40N configurator, or QG65/76 configurator are not reviewed here.

Feature Summary:



- Hardware kit required (different types, see below), sold by DIS Sensors, see DIS configurator set
- Windows-based PC application required (downloadable from www.dis-sensors.com)
- WIN10 support only
- Connection to PC: USB 1.1 or higher
- Connection to sensor(s): M12
- Power adaptor (included) only required if >2 sensors are connected
- Scan for sensors (supporting one or more sensors)
- Reading and showing all available settings
- Configuration of all available settings while keeping the calibration data
- Configuration will be saved permanently into the sensor
- Live monitoring for troubleshooting

Hardware kit's:

DIS configurator set type	Sensor interface	Product number
DIS configurator set CAN	CANopen / SAE J1939	12750
DIS configurator set Analog	Analog / Tiltswitch	t.b.d. not yet available

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DIS configurator set CAN:
The DIS configurator set CAN is a complete new developed configurator as part of the Dynamic Inclinometer project, therefore the Dynamic Inclinometer sensor series is the first supported sensor series. Others will follow.



Supported sensor series:
- QG65D/QG76D CANopen series
- QG65N2/QG76N2 CANopen series

Future supported sensors series:
- QG65D/QG76D SAE-J1939 series
- QG65N2/QG76N2 SAE-J1939 series

Not supported sensor series:
- QG65/QG76 CANopen series (no configurator available)
- QG65N/QG76N CANopen series (no configurator available)

Manual:
A dedicated manual describing all details (connectivity, features, supported functions, FAQ) named 'DIS configurator manual' can be downloaded from www.dis-sensors.com

Training video's:
Some dedicated training videos can be found on DIS YouTube channel

DIS configurator set Analog: (not yet available, planned for 2022)
The DIS configurator set Analog will be a complete new developed configurator.

Supported sensor series:
- QG65D/QG76D analog series
- QG65N2/QG76N2 analog series
- QG40N2 analog + tilt series

Not supported sensor series:
- QG40N analog + tilt series (requires existing 'QG40N configurator', see QG40N configurator)
- QG65/QG76 analog + tilt series (requires existing 'QG65 configurator', see QG65/76 configurator)

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