

New 'DIS Configurator set' overview

Version: v1.1 (20210321)

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)
- Connection to PC: USB 1.1 or higher
- Connection to sensor(s): M12
- 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

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

Future supported sensors series:

- QG65N2/QG76N2 CANopen 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](#))