

## DISP-60

## DISPLAY FOR ROTARY TORQUE SENSOR

The DISP-60 is a display specially designed to be connected with a non-contact rotary torque sensor of the SENSY 60000 series.



DISP-60



### Features

- o 1 torque sensor input 0...10 V
- o 1 angle encoder input (A/B) or speed sensor input (A)
- o 2 x digital input
- o 2 x relay output
- o USB interface (2.0 HID - Windows® compatible software included)
- o SD card slot (SD / SD HC)
- o Acquisition interval: 10 ms...1 h

### Application(s)

SENSY's DISP-60 is perfectly designed for the following applications:

- Torque measurement on test benches, production lines or rotating machines.

### Function(s)

The DISP-60 is a multifunctional read-out unit dedicated for the non-contact rotary torque sensors of the SENSY 60000 series. One unit can be connected to one torque sensor. The unit will then supply the power to the sensor. The analogue output (0...5 V or 0...10 V) of the sensor and/or its optional angle encoder should be connected to the unit. Torque, angle or speed can be displayed. The measurement data can be stored on an inserted SD flash memory card or directly sent to a computer via a USB interface in real time (Windows® software included).

Specifications	DISP-60	
Input range	0...10 V	-
Sensor excitation	12 VDC	-
Display	122 x 32 px	-
Accuracy	<±0.05	% F.S.*
A/D converter	100 Hz	-
Internal resolution	2.5 mV / 12 bits	-
Service temperature range	+5...+50	°C
Power supply	15...30 VDC	-
Consumption	200 mA	-
Qty of relay	2	-
Relay type	"Form A" (SPST) 1 A @ 125 VAC or 2 A @ 30 VDC	-
Dimensions	H 45 x W 92 x L 108 (front H 49 x W 96)	mm
Weight	0.33	kg
IP rating	IP40	-

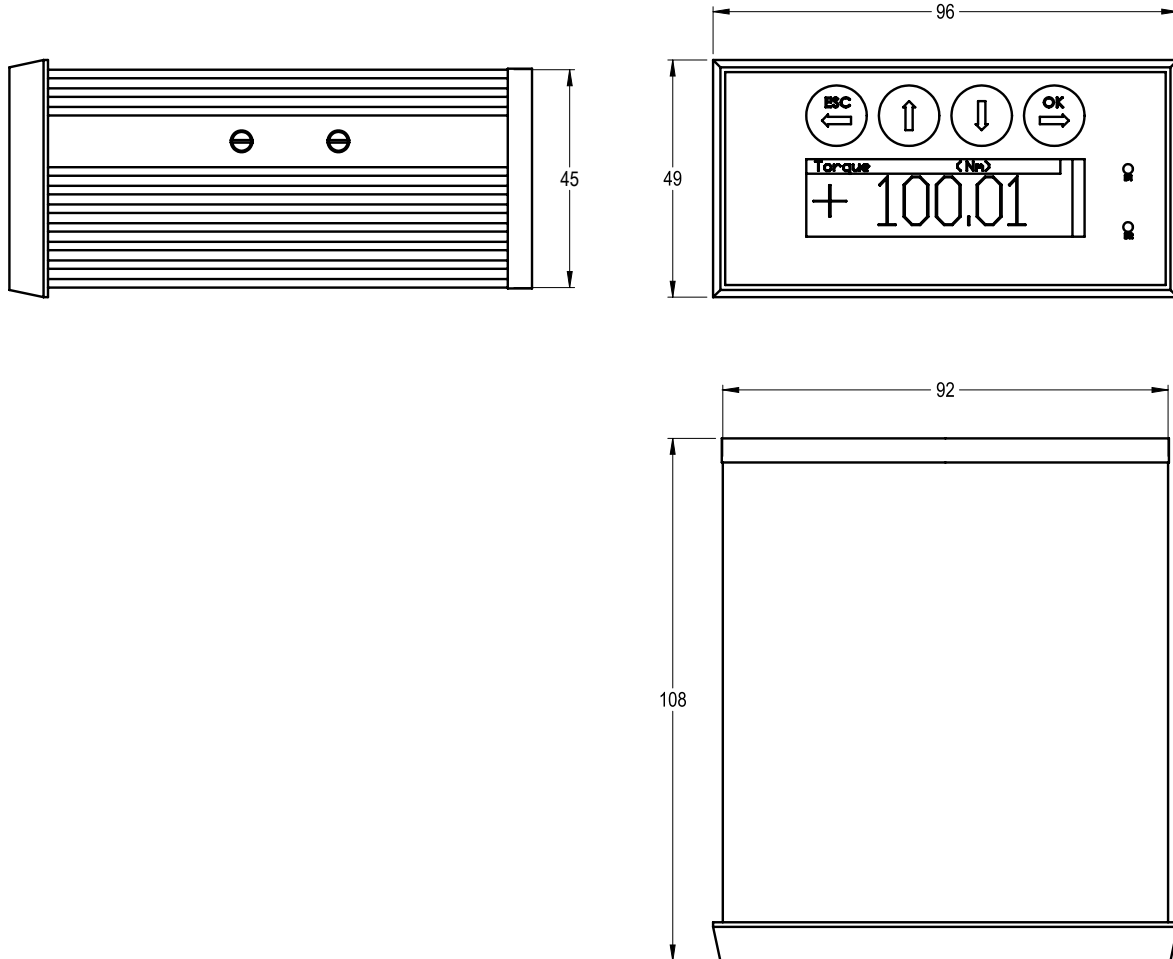
\* F.S. : Full Scale.

Specifications subject to change without notice.



ISO 9001 certified

↳ DISP-60 > STANDARD DIMENSIONS



Dimensions in mm

Other view

Terminals

