

# Transmitter for optical transmission method torque transducer CSA-562B

2023/03/22

## Features



Digital monitor of 4 1/2 digits.

Exclusive use for optical transmission method non-contact flange type torque transducer

## Specification

Specification name	Specification contents
Bridge power supply	AC20 Vrms Square wave 11.2 kHz±0.2 kHz
Applicable transducer	Optical transformer method torque transducer
Input range	5 kHz ~ 15 kHz
Output voltage	DC±10 V, Load resistance 2 k-ohm or more
Sensitivity adjustable range	±15 %R.O. (to the rated output of the torque transducers)
Non-linearity (Display and voltage output)	0.01 %F.S.
Temperature efficient	Zero point ±0.025 %R.O./10°C, Sensitivity ±0.025 %R.O./10°C
Frequency response range	DC ~ 1 kHz (Filter: W/B) Changeable to 1, 10, 30, 50, 100, 300, 500 or 1kHz)

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Display section	Output voltage display 0 ~ ±10.000 ((Green LED), Sampling Approx. 4 times/s
Remote function	CHECK
Alarm function	ALARM is output when the positional gap between rotor and stator is occurred, or when the luminescence part of rotor or the light detecting part of stator becomes dirty. (Photocoupler output)
Operating temp. / humidity range	0 °C ~ 40 °C, 85 %RH orless (Non condensing)
Power supply	100 VAC±10 V 50/60 Hz,
Power consumption	Approx.100 VA (at 100 VAC)
Outline dimensions (WxHxD)	66 mm x 160 mm x 280 mm (Excludes protruding parts.)
Weight	Approx. 2.5 kg