

BCM

Displacement Transducers



DIS81

DIS81-series

AC Driven Spring-Loaded LVDT

Range: $\pm 1, \dots, \pm 50$ mm,

or $0 \sim 1, \dots, 0 \sim 100$ mm

Accuracy: 0.25 %FS, 0.5 %FS

O/P signal: $0 \sim 10$ Vdc, or $4 \sim 20$ mA

Sup: 220 Vac/50Hz

Operating temp: $-40 \sim +140^{\circ}\text{C}$ or $-40 \sim +250^{\circ}\text{C}$

Temp effect on sensitivity: 0.03 %FSO/ $^{\circ}\text{C}$

Vibration: 20 g (20 kHz)

Shock: 1000 g (within 5 ms)

DIS80-series

DC Driven Free-Core LVDT

Range: $\pm 0.5, \dots, \pm 500$ mm

or $0 \sim 0.5, \dots, 0 \sim 1000$ mm

Accuracy: 0.25 %FS, 0.5 %FS

O/P: $0 \sim 10$ Vdc, or $4 \sim 20$ mA

Sup: ± 12 Vdc, or 24 Vdc

Operating temp: $-40 \sim 140^{\circ}\text{C}$

or $-40 \sim 250^{\circ}\text{C}$

T.E.S.: 0.03 %FSO/ $^{\circ}\text{C}$

Vibration: 20 g (20 kHz)

Shock: 1000 g (5 ms)



DIS80

quick delivery
from stock for
existing ranges



SENSOR

BCM SENSOR TECHNOLOGIES bvba

Industriepark, Brechtsebaan 2

B-2900 Schoten - Antwerpen

BELGIUM

Tel.: +32.3.238 64 69

Fax: +32.3.238 41 71

email: sales@bcmsensor.com

website: www.BCMSENSOR.com