

Measuring amplifier for supply and signal evaluation for LVDT-Transducers /Gage head transmitter MC-KP-12E/24E-xxx

ENGINEERING-NEWS 04/2008

The present LVDT-Measuring amplifier for DIN-top-hat-rail mounting allows the supply and signal evaluation of a LVDT-Transducer/Gage head transmitter with an oscillator frequency in the area of 1 kHz ... 20 kHz. By use of multiple LVDT-Measuring amplifiers, it is possible to synchronize the oscillator voltage. For further evaluation are standard analogue outputs available.

CUSTOMIZED SOLUTIONS MADE BY ALTHEN.



MC-KP-12E/24E-xxx LVDT-Transducer

- 1-Channel-LVDT-Measuring amplifier for DIN-top hat-rail mounting
- Supply voltage 10 .. 18 Vdc and 18 ... 30 Vdc respectively
- adjustable oscillator voltage
- oscillator frequency in the area of 1 kHz ... 20 kHz
- Adjustable Gain per DIP-switch
- Analogue output alternatively 0 ... 10 V, ±10 V, 4 ... 20 mA
- Synchronization of multiple amplifiers

- Series E
- Series HCA
- SeriesHR
- Series M12
- Series MHR
- Series MP
- Series XS-B, XS-C, XS-D

Gage head Transmitter

- Series GCA/GCD AC-Version
- Series LBB
- Series PCA 116
- Series PCA 375