

# TRANSDUCER OUTPUT POLARITY

Our standard transducers are designed with the following output polarity for measurement.

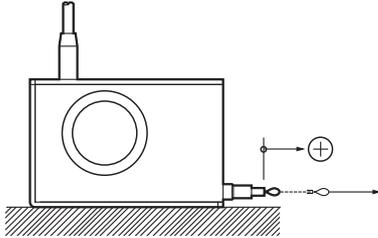
## Displacement Transducer CDP, SDP

Measuring rod is depressed on measurement, output turns minus polarity.



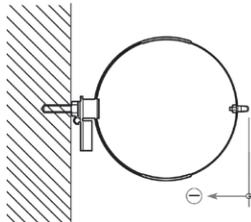
## Displacement Transducer DP

Measuring wire is taken out on measurement, output turns plus polarity.



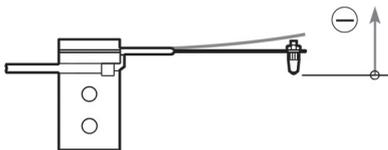
## Displacement Transducer OU

Measuring contact tip is depressed on measurement, output turns minus polarity.



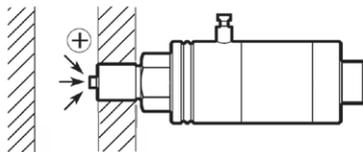
## Displacement Transducer CE

Measuring contact tip is depressed on measurement, output turns minus polarity.



## Pressure Transducer PW

Pressure is loaded, output turns plus polarity.

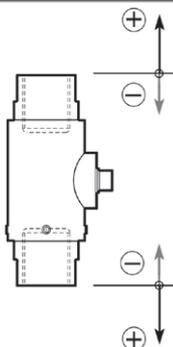


## Load Cells

Compressive force is loaded, output turns minus polarity, while tensile force is loaded, output turns plus polarity.

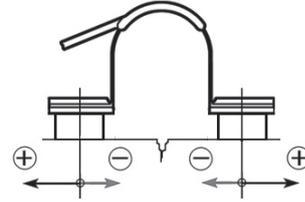
N.B.:

The measured value of the KCK-NA and KCH-NA load cell shows "+" polarity with increase in compression load.



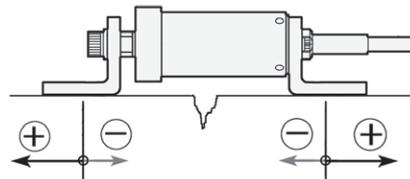
## Displacement Transducer PI

Crack opening develops, output turns plus polarity.



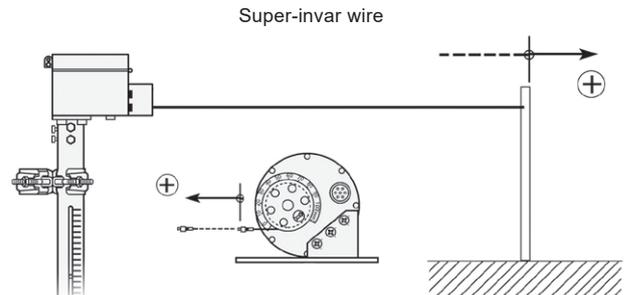
## Crack Displacement Gauge KG

Crack opening develops, output turns plus polarity.



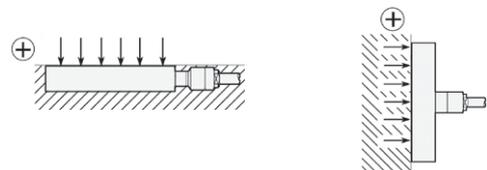
## Ground Extension Gauge KLG/NKLG

Super-invar wire is extended on measurement, output turns plus polarity.



## Soil Pressure Gauge KDA - KDL

Pressure is loaded, output turns plus polarity.



## Settlement Transducer KLA/NKLA

Rod (KLF-21) between the transducer KLA/NKLA and a hydraulic anchor shrinks due to settlement, output turns plus polarity.

