

### General description

**Control lever type S1B** is a high precision 1-axis proportional potentiometer control lever with analog signal output designed for controlling double acting proportional outputs in mobile hydraulics. The potentiometer is equipped with build-in end resistors to indicate control range error.

The control lever S1B have small dimensions, fits easily into narrow operator panels and is ideal for separate control of double acting proportional outputs, for example the articulated steering for mobile machines.

The potentiometer in the control lever is completely sealed, has long lifetime and a linear output characteristic.

The lever is designed to withstand harsh environments but should be mounted in cab-environment, protected against rain and water splash.



### Application areas

- Mobile hydraulics; working hydraulics, hydrostatic transmissions.
- Automotive industry.

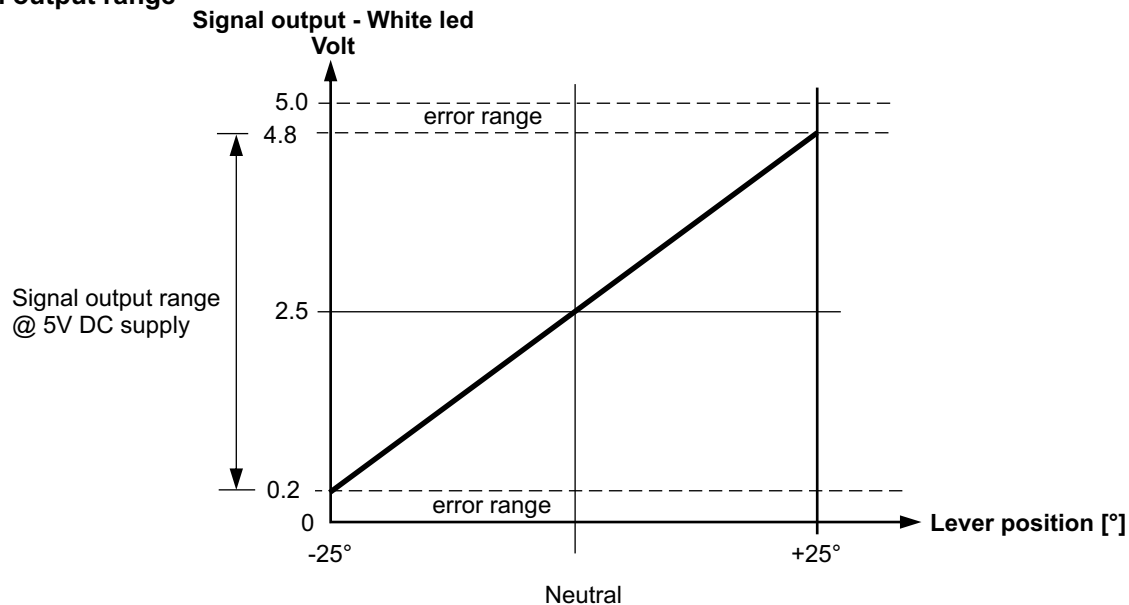
### Technical data

|                              |                  |
|------------------------------|------------------|
| Supply voltage               | 5 VDC            |
| Output voltage               | 0.20 - 4.80 Volt |
| Input impedance control unit | >100 k $\Omega$  |
| Max. operating current       | < 0.05 mA        |
| Operating temperature range  | -20°C to +65 °C  |
| Weight                       | 125 g            |

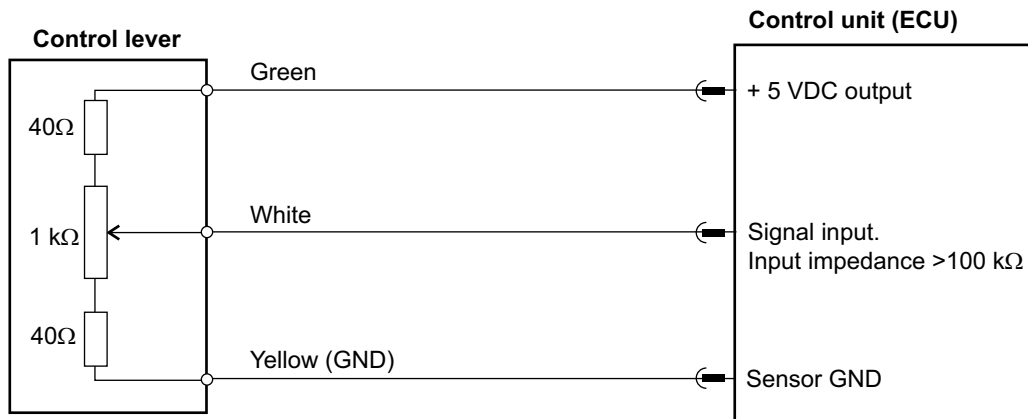
### Ordering Information

1-axis control lever S1B    Part No. 8104 4450

## Signal output range



## Electric connection to control unit



## Dimensions (mm)

