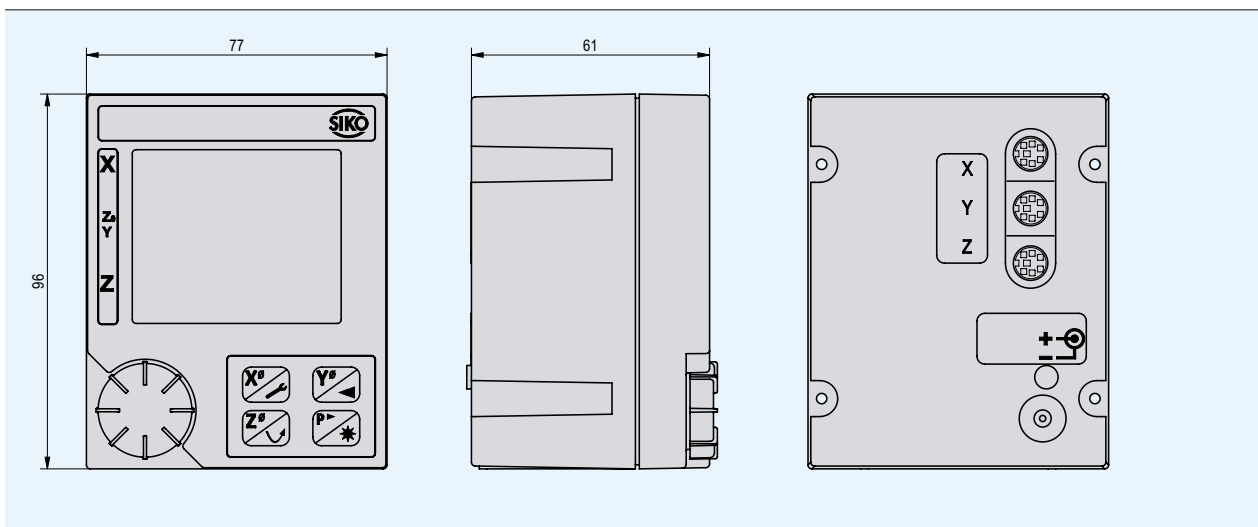


Profile

- Triple-spaced, 7 digits and back-illuminated LCD
- Up to three incremental measuring systems
- Parameter setting with 4 keys and jog dial
- Each axis is individually programmable
- Connection for pluggable magnetic sensors MS100/1 and MS500
- System accuracy max. 10 μm
- Resolution 1 μm with MS100/1
- Two accuracy classes: 0.01 mm with magnetic sensor MS100 / 1 or 0.05 mm with magnetic sensor MS500



Mechanical data

| Feature | Technical data | Additional information |
|-----------------------|-------------------------------------|---|
| Resolution | 0.001 mm, MS100/1 0.01 mm, MS500 | |
| Accuracy class | 0.01 mm, MS100/1 0.05 mm, MS500 | |
| Magnetic sensor | pluggable | MS100/1 with MB 100 or MS500 with MB500 |
| Display | triple-spaced, 7 digits, LCD | |
| Display range | each with -999 999 ... 9 999 999 | |
| Housing | mounting case | |
| Housing material | plastic | |
| Protection category | IP54 | |
| Operating temperature | -5 ... +60 °C | |
| Humidity | max. 80% rh | condensation inadmissible |
| Shock resistance | ≤ 30 g (5 ... 150 Hz) | according to DIN EN 60068-2-27 |
| Vibration resistance | ≤ 10 g/18 ms | according to DIN EN 60068-2-6 |
| Travel speed | max. 5 m/s | |
| Weight | ~ 200 g | |

Electrical data

| Feature | Technical data | Additional information |
|-------------------------------|----------------|-----------------------------|
| Operating voltage | 6 ... 30 V DC | reverse-polarity protection |
| Current consumption | ~ 150 mA | |
| Interference protection class | 3 | according to IEC 801 |