

# Datasheet

## General features

- Internal voltage / current conditioner circuit
- Measuring range 30 to 1000 mm
- Long mechanical life: 100 million movements
- Excellent repeatability: <math><0.01\text{ mm}</math>
- Infinitely variable resolution
- Output: 4-20 mA, 0-20 mA, 0-10 V, or 20-4 mA, 20-0 mA, 10-0 V



## Technical specifications

Measurement stroke	30 to 1000 mm
Linearity	$\pm 0.05\%$ (>200 mm), $\pm 0.1\%$ (130 - 200 mm), $\pm 0.2\%$ (75 - 129 mm), $\pm 0.5\%$ (<75 mm)
Repeatability	<math><0.01\text{ mm}</math>
Resolution	Infinitely variable
Output	4-20 mA, 0-20 mA, 0-10 V, or 20-4 mA, 20-0 mA, 10-0 V
Permissible applied voltage	15 - 30 VDC max.
Electrical connections	1 m cable (standard)
Displacement speed	<math><5\text{ m/s}</math>
Mechanical life	100 million movement
Case dimensions	33 mm x 33 mm
Case material	Anodized aluminium
Rod diameter	$\varnothing 6\text{ mm}$
Rod material	Stainless steel
Mechanical fixing	Variable brackets
IP rating	IP65
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

## Dimensions



