

SZ80 Cable Pull



Main Features

- Suitable for customized installation of analog or digital encoders of 58 mm diameter.
- Resolution: depending on the encoder
- Easy installation
- Rugged aluminum housing
- High noise immunity
- Customized special designs available

Electrical data

Potentiometric output	1 k Ω (Other values on request)
Analog output	010 V or 4 20 mA
Resolution	Depending on the encoder

Technical data - Mechanical data

Measuring range	0 to 2500 mm(SZ80-M) 0 to 2000 mm(SZ80-A)
Linearity	+ / - 0.05% of ultimate value
Circumference of micrometer drum	300 mm / revolution
Acceleration	8 M/S ²
Spring return	7.50N/11N
Measuring wire diameter	0.6 mm
Speed of adjustment	5m/s
Reproducibility	equal to resolution
Casing material	Aluminium 2017A
Material of measuring wire	Stainless steel 316L
IP code of casing	IP67(SZ80-M) IP65(SZ80-A)
Operating temperature	-20°C to +80°C
Storage temperature	-40°C to +80°C
Lifetime	100 000 cycles



Compact sensor for industrial use

The cable control sensor of the series SZ80-A is ideal for the measurement of linear movements and positioning in industrial applications. The compact design allows an easy assembly. The robust aluminum housing in combined with our high production quality enables an accurate measurement even at hardly accessible measuring points

Order code (6 mm shaft diameter): SZ80-M-2500-6

Order code (10 mm shaft diameter): SZ80-M-2500-10

SZ80-analog

