



## Datasheet T451

Articlenumber 1001687

Fullbridge Transducer with 150.00 mm/Vmm sensitivity and  $\pm 1$  mm measuring stroke, Pretravel adjustable. Cable 2 m, cable exit axial.



### Measuring stroke, Bearing, Temperatur range, Mounting position, Body diameter, Plug, Cable feature, Cable information

Measuring stroke	$\pm 1.0$ mm
Bearing	none / external
Temperatur range	-10 to +65 °C, storage and operation
Mounting position	any
Body diameter	8h6
Plug	5 pin, 240°
Cable feature	PUR shielded, Length 2 m
Cable information	Outer- $\varnothing$ 4.0 mm, drag chain compatible

### Repeatability, Linearity error

Repeatability	0.01 $\mu$ m
Linearity error	0.25% FS (full-scale) $\pm$ 1000 $\mu$ m range (at 20 °C $\pm$ 1°C)

### Sensitivity, Setting, Amplifier input load, Drive frequency, Supply voltage, Coil scheme

Sensitivity	150.00 mV/(Vmm)
Setting	1:1
Amplifier input load	100 kOhm Input resistance, $\pm$ 0.1%
Drive frequency	5.0 kHz $\pm$ 5%
Supply voltage	3.0 V $\pm$ 0.5% RMS
Coil scheme	Fullbridge (LVDT)

