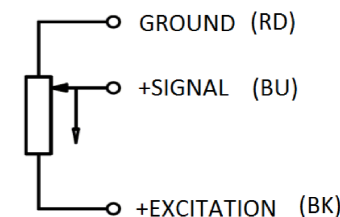


SPECIFICATIONS

TOTAL MECHANICAL TRAVEL:	122° (ROTATION A) 80° (ROTATION B)
TOTAL MEASURING RANGE:	122° (ROTATION A) 80° (ROTATION B)
PRE/POST TRAVEL:	0°
OPERATING SPEED:	max 3600 °/s
TOTAL RESISTANCE:	5000 Ohms ± 20 %
MAX. APPLIED VOLTAGE:	42 V DC
RECOMMENDED WIPER CURRENT:	< 1 mA
INTERFACE:	VOLTAGE DIVIDER
RESOLUTION:	INFINITE
OPERATING TEMPERATURE:	+ 10 °C to + 30 °C
INDIPENDENT LINEARITY:	< ± 1,0 %
WEIGHT:	30 g ± 10 g (LESS CABLES)
HYSTERESIS:	< 1 %
REPEATABILITY:	< 0,1°
OPERATING LIFE:	30 MILLION OPERATIONS
SHOCK RESISTANCE:	200 g

PIN DESIGNATION POT A + POT B




VOLTAGE DIVIDER FREE OF LOAD!
COLOUR ABBREVIATIONS ACCORDING TO VDE AND IEC 60757

THE 3D-ADAPTION THOR-50th UPPER THORAX LEFT IS AN ROTATION TRANSDUCER

ALTERNATIVE FOR PART NO. 472-3550 W/O OFFSET

All values specified in this data sheet for linearity and lifetime are only valid for a sensor used as a voltage divider with virtually no load applied to the wiper (Ie < 1 µA)

Oberflächenbehandlung:		Wärmebehandlung:			
Oberflächenangaben ISO 1302	√ = √ Rz 100	W = √ Rz 63	X = √ Rz 25	Y = √ Rz 16	Z = √ Rz 6,3
Allgemeintoleranzen DIN ISO 2768-mK		Material:	Halbzeug:		Datum
Projektionsmethode 1 Schutzvermerk DIN ISO 16016 beachten		material:	semi finished product:		gez. 14.10.2016 C. Szingsnis
Bohrungen und Gewinde ohne angeben: √ Rz 63		Gewicht (g):	31.03		gepr. 09.11.2016 S. Trippel
Passungen und Passbohrungen ohne angeben: √ Rz 6,3		Benennung:			
		description:			
		3D Adaption THOR-50th upper Thorax left		ATD-Labtech GmbH Dieselstraße 1 63843 Niedernberg	
		20_303			
		Blatt-Nr./Anzahl	Zeichnungs-Nr.		
		1 / 1	drawing number:		
		Format		letzte Speicherung durch: Christoph.Szingsnis	
		A3		R:\CAD\B04_S-TRACK\B04_001_010_3D-Adaption-upper-Thorax-left-THOR-MI	
01	wire colours according to ICE 60757 weight tolerance +/- 10g	20.04.2017	C. Szingsnis	Maßstab	scale
Index	Änderungen	Datum	Name	A3	2:1