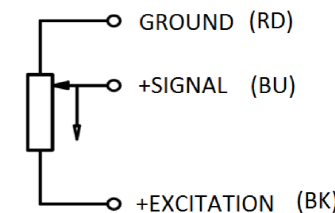


SPECIFICATIONS

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
INDEPENDENT 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 LOWER THORAX LEFT IS AN ROTATION TRANSDUCER

**ALTERNATIVE FOR PART NO. 472-3580
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	Name
Projektionsmethode 1 Schutzvermerk DIN ISO 16016 beachten		material:	semi finished product:	gez. 19.10.2016	C. Szingsnis
Bohrungen und Gewinde ohne angeben: √ Rz 63		Gewicht (g):	35,21	gepr. 09.11.2016	S. Trippel
Passungen und Passbohrungen ohne angeben: √ Rz 6,3		Benennung: description: 3D Adaption THOR-50th lower Thorax left 20_305			
		Blatt-Nr./Anzahl	1 / 1	Zeichnungs-Nr. drawing number: B04_001_012	
01 wire colours according to ICE 60757 weight tolerance +/- 10g		Format	A3	letzte Speicherung durch: Christoph.Szingsnis	
Index	Änderungen	Datum		R:\CAD\B04_S-TRACK\B04_001_012_3D-Adaption-lower-Thorax-left-THOR-MI	



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