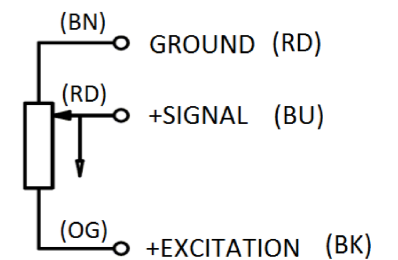


SPECIFICATIONS ROTATION POT A

TOTAL MECHANICAL TRAVEL:	202,5°
TOTAL MEASURING RANGE:	202,5°
PRE/POST TRAVEL:	0°
OPERATING SPEED:	max 3600 °/s
TOTAL RESISTANCE:	5000 Ohms ± 20 %
MAX. APPLIED VOLTAGE:	42 V DC
RECOMMENDED WIPER CURRENT:	< 1 µA
INTERFACE:	VOLTAGE DIVIDER
RESOLUTION:	INFINITE
OPERATING TEMPERATURE:	+ 10 °C to + 30 °C
INDEPENDENT LINEARITY:	< ± 0,20 %
WEIGHT:	135 g ± 10 g (LESS CABLES)
HYSTERESIS:	< 1 %
REPEATABILITY:	< 0,1°
OPERATING LIFE:	100 MILLION OPERATIONS
SHOCK RESISTANCE:	200 g

PIN DESIGNATION POT A



VOLTAGE DIVIDER FREE OF LOAD!

COLOUR ABBREVIATIONS ACCORDING TO VDE AND IEC 60757
LEFT COLOUR: SENSOR INSIDE
RIGHT COLOUR: SENSOR OUTSIDE

THE 3D-STRACK ADAPTION WS 50th THORAX + ABDOMEN IS AN ROTATION TRANSDUCER

SPECIFICATIONS ROTATION POT B

PLEASE NOTE THE DATASHEET OF THE CONTELEC PD 210-K04B ROTATION RATE SENSOR

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	√ = √ Rz 63	√ = √ Rz 25	√ = √ Rz 16	√ = √ Rz 6,3
Allgemeintoleranzen DIN ISO 2768-mK		Material:	Halbzeug:	Datum	Name
Projektionsmethode 1 Schutzvermerk DIN ISO 16016 beachten		material:	semi finished product:	gez. 24.11.2016	S. Trippel
Bohrungen und Gewinde ohne angeben: √ Rz 63		Gewicht (g):	136.46	gepr. 20.04.2017	C. Szingsnis
Passungen und Passbohrungen ohne angeben: √ Rz 6,3		Benennung: description: 3D-STRACK Adaption WS 50th Thorax + Abdomen 20_204			
		Blatt-Nr./Anzahl	Zeichnungs-Nr. drawing number:	<p>ATD-Labtech GmbH Dieselstraße 1 63843 Niedernberg</p>	
		1 / 1	B04 001 017		
		Format: A3	Maßstab: 1:1		
02	Maß 21,5	02.06.2017	C. Szingsnis	letzte Speicherung durch: Christoph.Szingsnis	
01	wire colours according to ICE 60757 weight tolerance +/- 10g	20.04.2017	C. Szingsnis	R:\CAD\B04_S-TRACK\B04_001_017_3D-Adaption-WS-Thorax+Abdomen	
Index		Änderungen	Datum	Name	

ALTERNATIVE FOR IF-367 WITH THORAX AND ABDOMEN BRACKET 3670-22