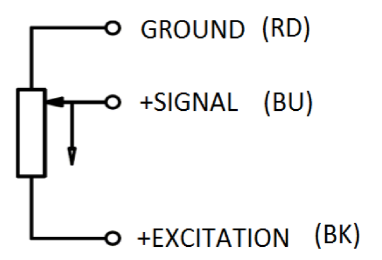


ALTERNATIVE FOR NHTSA DRAWING SA572-S121 REV. A

SPECIFICATIONS

TOTAL MECHANICAL TRAVEL:	123 mm
TOTAL MEASURING RANGE:	123 mm
PRE/POST TRAVEL:	0 mm
OPERATING SPEED:	max 20 m/s
TOTAL RESISTANCE:	1000 Ohms \pm 20 %
MAX. APPLIED VOLTAGE:	42 V DC
RECOMMENDED WIPER CURRENT:	< 1 μ A
INTERFACE:	VOLTAGE DIVIDER
RESOLUTION:	INFINITE
OPERATING TEMPERATURE:	+ 10 $^{\circ}$ C to + 30 $^{\circ}$ C
INDEPENDENT LINEARITY:	< \pm 1 %
WEIGHT:	155 g \pm 5 g (LESS CABLES)
HYSTERESIS:	< 1 %
REPEATABILITY:	< 0,1 mm
SHOCK RESISTANCE:	200 g

PIN DESIGNATION



VOLTAGE DIVIDER FREE OF LOAD!

COLOUR ABBREVIATIONS ACCORDING TO VDE AND IEC 60757

The S-Track is a linear potentiometric displacement transducer

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 ($I_e < 1 \mu A$)

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Ersatz für: B100206	Material:	Halbzeug:	Datum
Allgemeintoleranzen DIN ISO 2768-mK	material:	semi finished product:	Name
Projektionsmethode 1	Gewicht (g): 155.94	Art.-Nr.: 20_301	gez. 14.11.2016
Schutzvermerk DIN ISO 16016 beachten			C. Szingsnis
			gepr. 17.11.2016
			G. Pfeifer
	Benennung:	<p>ATD LabTech ATD-Labtech GmbH Dieselstraße 1 63843 Niedernberg</p>	
	description:		
	S-Track - THOR-50th Abdomen - 123 mm		
	Blatt-Nr./Anzahl 1 / 1		
04 Assembly updated	07.07.2018	P.Borkus	Zeichnungs-Nr. drawing number:
03 U04_001_002.01 + U04_001_006.01 changed	15.02.2018	P.Borkus	B04 001 006.04
02 T04_001_041.01	18.04.2017	C. Szingsnis	letzte Speicherung durch: christoph.szingsnis
01 K04_001_003.02 + threaded pin added	13.01.2017	C. Szingsnis	R:\CAD\B04_S-TRACK\B20_301_TH S-Track - Abdomen 123
Index	Änderungen	Datum	Name
			Pfad: mm_B04_001_006
			Format format
			Maßstab scale
			A3 1:1