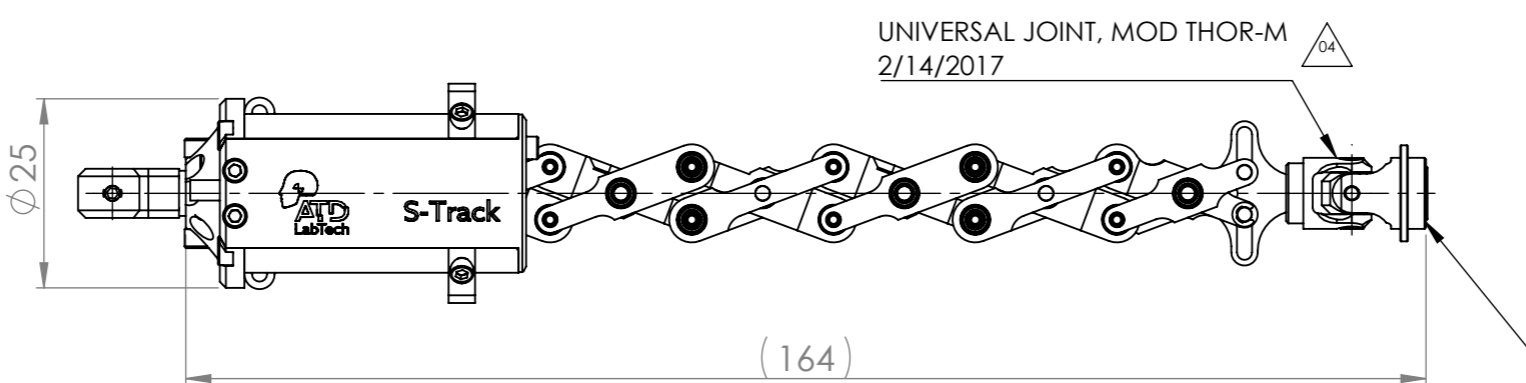
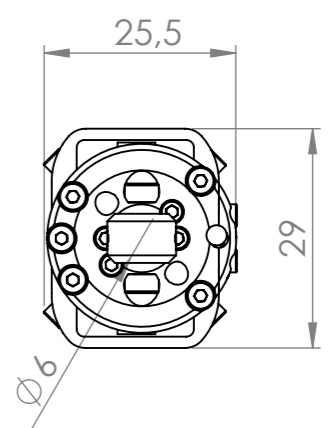


M5x0.8 THREAD
THRU UNIVERSAL JOINT SEGMENT

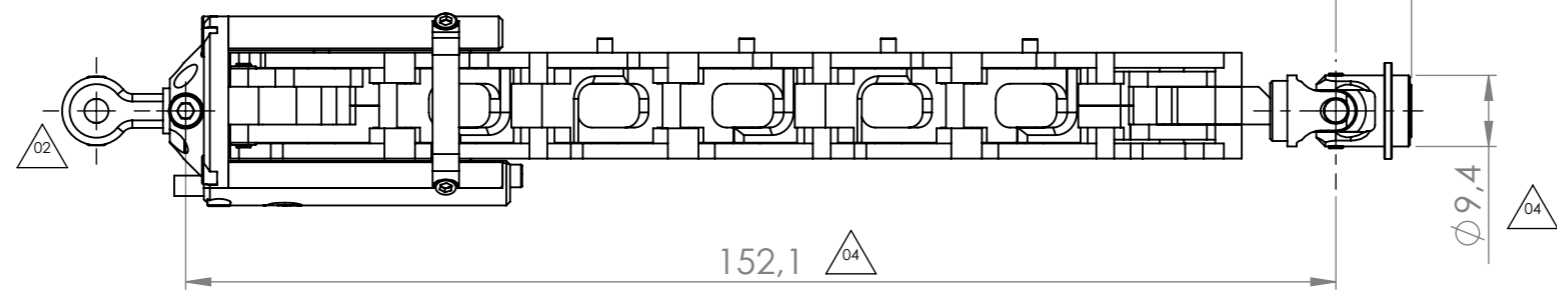


UNIVERSAL JOINT, MOD THOR-M
2/14/2017

FULLY EXTENDED

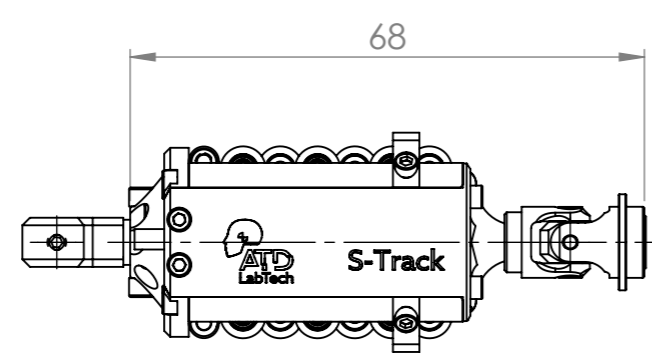
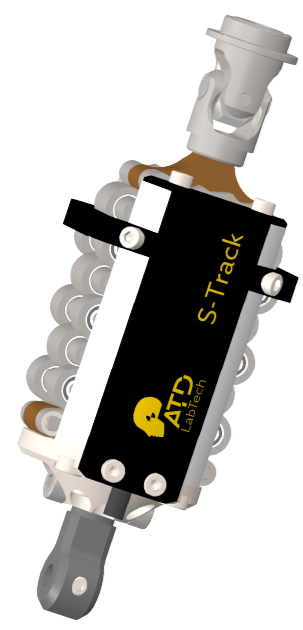
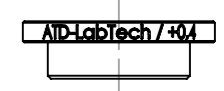


**ATD-LabTech
Replacement bushing**
+0,4 length, for sure clearance
between connecting bolt and Joint

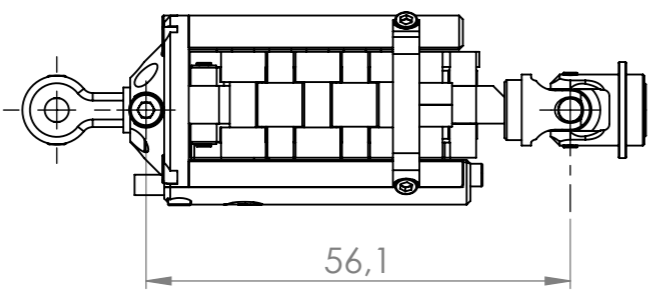


152,1

9,4



FULLY COLLAPSED

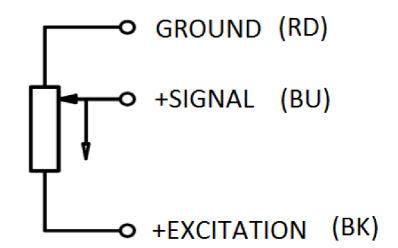


56,1

SPECIFICATIONS

TOTAL MECHANICAL TRAVEL:	96 mm
TOTAL MEASURING RANGE:	96 mm
PRE/POST TRAVEL:	0 mm
OPERATING SPEED:	max 20 m/s
TOTAL RESISTANCE:	1000 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:	< ± 1 %
WEIGHT:	120 g ± 10 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 (Ie < 1 µA)

Weitergabe sowie Vervielfältigung dieser Zeichnung, Verwertung und Mitteilung seines Inhalts sind nur mit ausdrücklicher Erlaubnis durch die ATD-LabTech GmbH gestattet.

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Ersatz für: B100205		Material:		Halbzeug:		Datum		Name	
Allgemeintoleranzen DIN ISO 2768-mK		material:		semi finished product:		gez. 16.11.2016		C. Szingsnis	
Projektionsmethode 1		Gewicht (g): 114.53		Art.-Nr.: 20_300		gepr. 14.12.2016		G. Pfeifer	
Schutzvermerk DIN ISO 16016 beachten		weight:							
				Benennung:					
				description:					
04 Changed joint		11.03.2019		P.Borkus		Blatt-Nr./Anzahl		Zeichnungs-Nr.	
03 Assembly updated		07.07.2018		P.Borkus		1 / 1		drawing number:	
02 Adapter added		26.03.2018		P.Borkus		Format		Maßstab	
01 wire colours according to ICE 60757		20.04.2017		C. Szingsnis		format		scale	
weight tolerance +/- 10g						A3		1:1	
Index		Änderungen		Datum		Name		letzte Speicherung durch: Christoph.Szingsnis	
								R:\CAD\B04_S-TRACK\B20_300_TH S-Track - Thorax 90	
								Pfad: mm_B04_001_005	



ALTERNATIVE FOR NHTSA DRAWING SA572-S117 REV.C