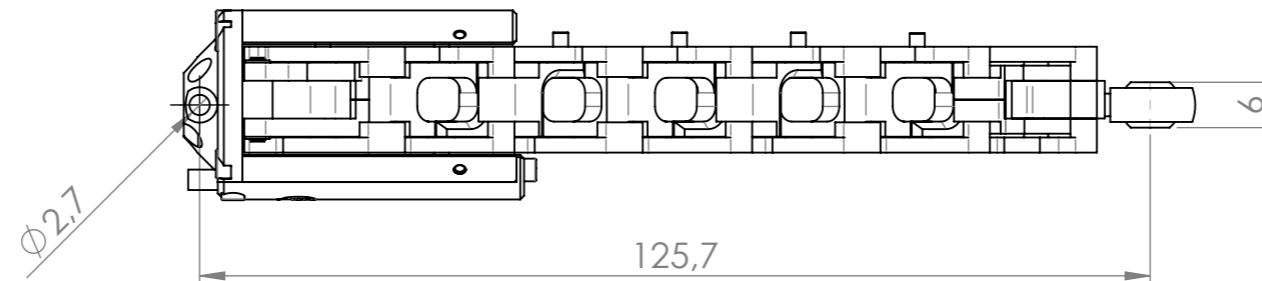


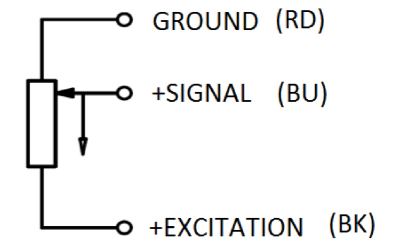
FULLY EXTENDED



SPECIFICATIONS

TOTAL MECHANICAL TRAVEL:	75,2 mm
TOTAL MEASURING RANGE:	75,2 mm
PRE/POST TRAVEL:	0 mm
OPERATING SPEED:	max 10 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:	92 g ± 10 g (LESS CABLES)
HYSTERESIS:	< 1 %
REPEATABILITY:	< 0,1 mm
SHOCK RESISTANCE:	1969 m/s ²

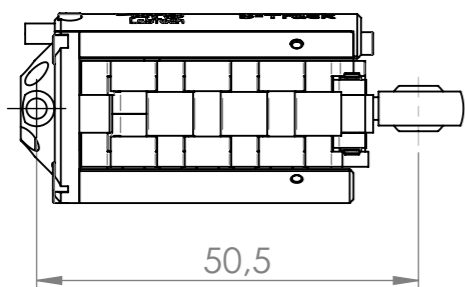
PIN DESIGNATION



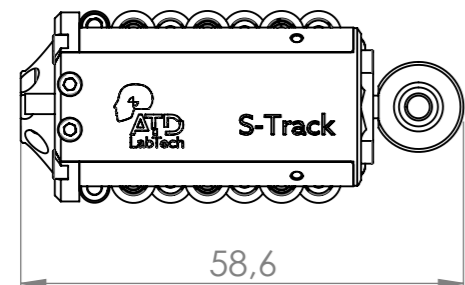
VOLTAGE DIVIDER FREE OF LOAD!

COLOUR ABBREVIATIONS ACCORDING TO VDE AND IEC 60757

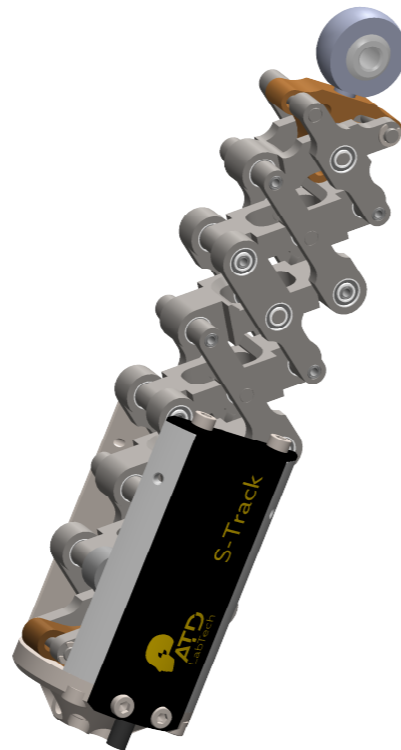
The S-Track is a linear potentiometric displacement transducer



FULLY COLLAPSED



ALTERNATIVE FOR SA 572-S37 REV. B (Q3s)



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 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:	Material:	Halbzeug:	Datum
Allgemeintoleranzen DIN ISO 2768-mK	material:	semi finished product:	30.11.2016
Projektionsmethode 1	Gewicht (kg):	Art.-Nr.: 20_102	Name
Schutzvermerk DIN ISO 16016 beachten	weight:		C. Szingsnis
	Benennung:	 ATD LabTech ATD-Labtech GmbH Dieselstraße 1 63843 Niedernberg	
	description:		
	S-Track Q3s		
	Blatt-Nr./Anzahl	Zeichnungs-Nr.	
	1 / 1	drawing number:	
	Format	B20_102_01.00	
	maßstab	letzte Speicherung durch: Christoph.Szingsnis	
	A3	R:\CAD\B04_S-TRACK\B20_100_Q3 und Q6 S-	
	1:1	Pfad: Track_B04_001_001	
Index	Änderungen	Datum	Name