



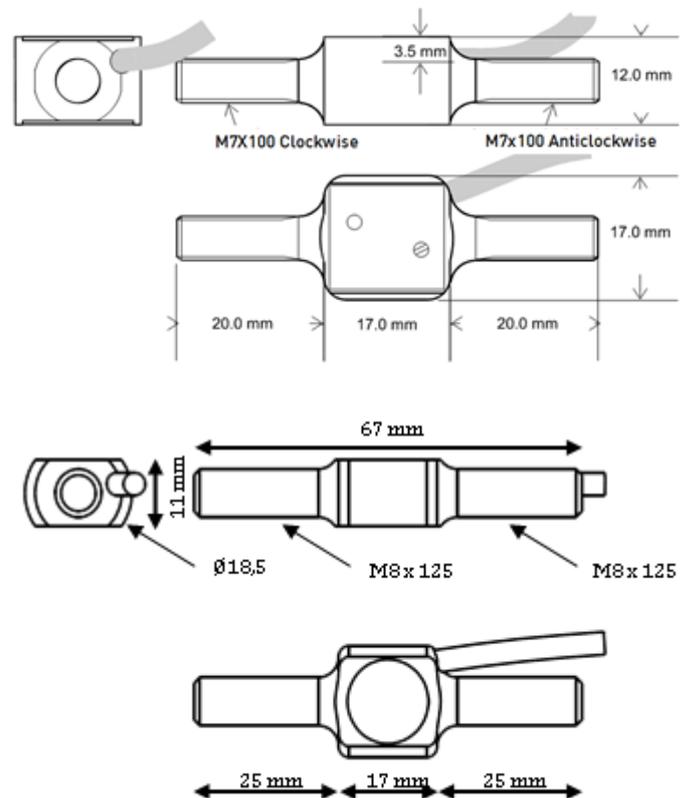
GSTN8

Gear Shift Device

Range	±1000	N	
Overload	±1500	N	
Accuracy	5%	%	
Supply Voltage			
	5 to 16	V	
Supply Current			
	8	mA	
Analog Signal			
	0 to 5*	V	
White wire			
Offset (no force)	2.5 ±25mV	V	
Sensitivity	2.3 ±0.7	mV/N	
Cut off frequency	30	Hz	
On/Off output	NPN Open collector, normally open, max 16V, 20mA		
Switched to 0V when detection			
Must be protected by diode if an inductive load, such a relay, is connected.			
Green wire			
Debounce time	30	msec	
Offset Drift with temperature			
	<10	mV	
Dimensions			
	M7 ends	57 x 12	mm
	M8 ends	67 x 12	mm
Material			
	Stainless Steel		
Weight	25 (+cable)	g	
Protection	IP63		

Vibration test	20 Gpp5'	
Shock	500	G
Operating Temp		
	0 to +85	°C
Storage Temp		
	-20 to +125	°C

Mechanical drawing



Texense sensors are designed for data recording. If the user wants to include this sensor in a close loop system or active control, he must assume all responsibility.