



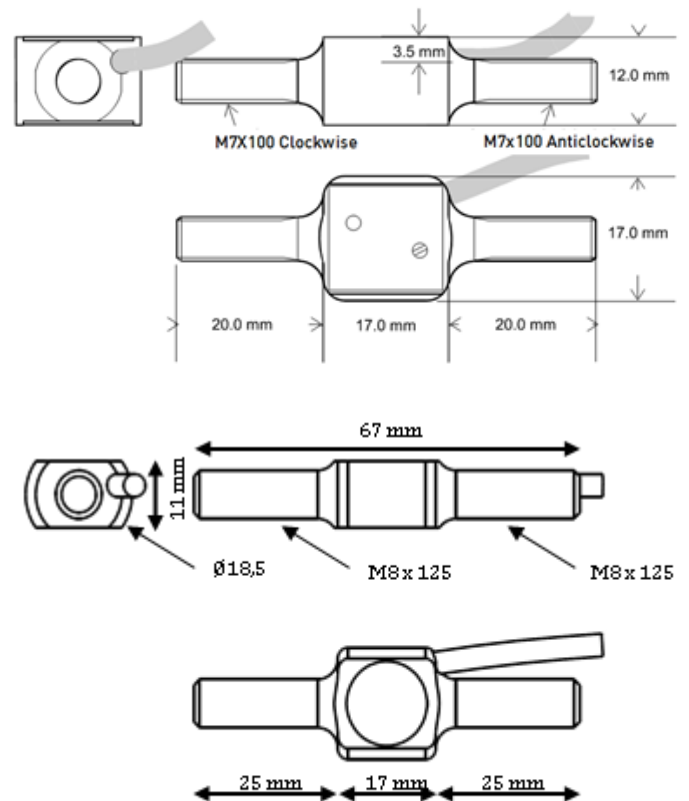
GSTN8

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	
Green wire	Switched to 0V when detection	
	Must be protected by diode if an inductive load, such a relay, is connected.	
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.