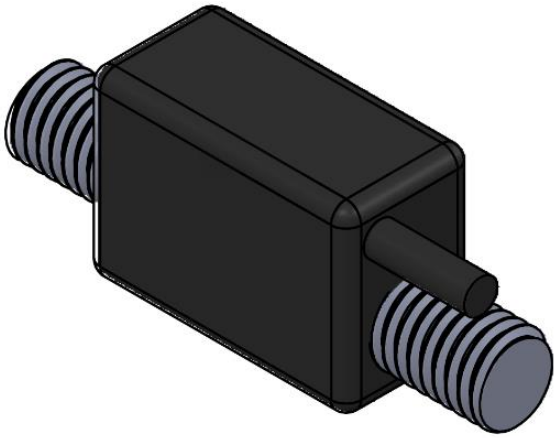
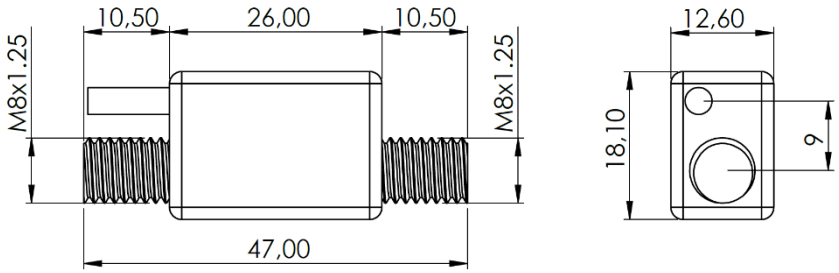
GSFN8-V2 (Flexion)

Flexion sensor with analog and ON/OFF outputs

Range	± 150	N
Overload	± 300	N
Accuracy	5	%FS
Supply Voltage	5 to 16	V
Supply Current	8	mA
Analog signal White wire	0-5*	V
Offset (no force)	2.5 ±25mV	V
Sensitivity	14 ±3	mV/N
Cut off frequency	30	Hz
On/Off output Green wire	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.	
Debounce time	30	ms
Offset Drift with temperature	<10	mV
Dim	47x16x10 mm M8x125 Threaded ends	
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

Calibration table	
Force (N)	**Signal (V)**
-50	1.8
0	2.5
+50	3.2

Texense sensors are designed for data logging. Should the users want to include this sensor in a closed loop system, they must undertake total responsibility from doing so.



Mechanical drawing