



Texense ShifTrig

Stand alone gear shift device Tension/Compression model + relay & setting plate



Gear Shift Specification



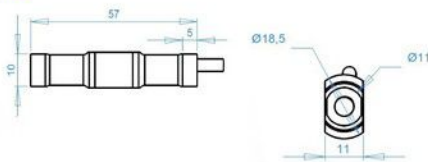
Setting Plate Specification

Range $\pm 1000 \text{ N}$
Overload $\pm 1500 \text{ N}$
Accuracy 5 %

Supply voltage 5 to 16 V
Supply current 8 mA
Analog signal (white wire) 0 - 5 V
Offset (no force) $2.5 \text{ V} \pm 25 \text{ mV}$
Cut off frequency 30 Hz
On/Off output (green wire) NPN Open collector, normally open
 max 16V, 20mA
Debounce Time 30 msec

Offset drift with temperature $< 10 \text{ mV}$

Dimension M6 ends female

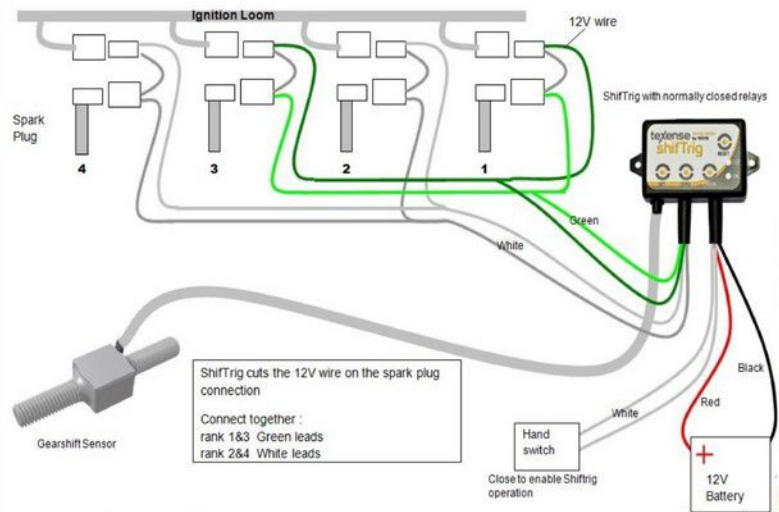


Material Stainless Steel
Weight (without cable) 25 g
Protection IP 63

Vibration test 20 Gpp 5'
Shock 500 G

Operating temp 0 to + 85°C
Storage temp -20 to +125 °C

6 setting levels for cut off time
 6 setting levels for force threshold
 1 wiring room



Red Led Flashes	Cut Time	Force
1	30msec	40 N
2	40 msec	80 N
3	50 msec	120 N
4	60 msec	160 N
5	70 msec	200 N
6	80 msec	240 N

Order of changes
1 → 2 → 3 → 4 → 5 → 6 → 1 → 2 → 3 ...

In the interest of continuous product improvement, we reserve the right to alter, without prior notice the specifications and features described on this document.