

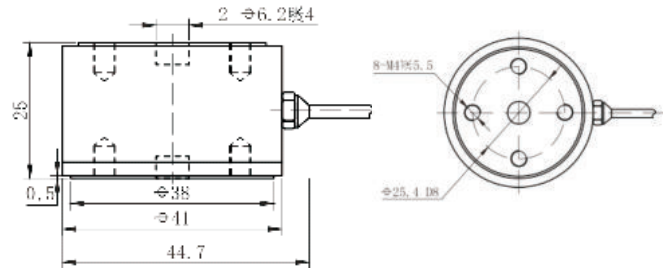
# Tension And Compression Force Sensor

## GML676



### MAIN FEATURES

- Stainless Steel;
  - Low profile, compact and strong structure;
  - Tension & compression force measurement;
- Mainly used in automobile production, medical equipment, robots, automation equipment and so on. For example: button feel detection, hot and cold press pressure detection, robot hand grip force measurement, etc.



### TECHNICAL PARAMETER

Rated Capacity	1, 2, 3, 5, 10, 20, 30KN		
Comprehensive error	$\leq \pm 0.1\%$	Temp. effect on span	$\pm 0.05\% \text{F.S}/10^\circ\text{C}$
Rated output	$2.0 \pm 10\% \text{mV/V}$	Temp. effect on zero	$\pm 0.05\% \text{F.S}/10^\circ\text{C}$
Zero balance	$\pm 2\% \text{F.S}$	Compensated temp range	$-10 \sim +60^\circ\text{C}$
Non-linearity	0.1%	Operating temp Range	$-20 \sim +80^\circ\text{C}$
Creep	$\pm 0.1\% \text{F.S}/30\text{min}$	Excitation voltage	5~15V
Input resistance	$385 \pm 5\Omega$	Safe overload	150%F.S
Output resistance	$350 \pm 3\Omega$	Ultimate overload	300%F.S
Insulation resistance	$\geq 5000\text{M}\Omega/100\text{VDC}$	Defend grade	IP66

### WIRING

