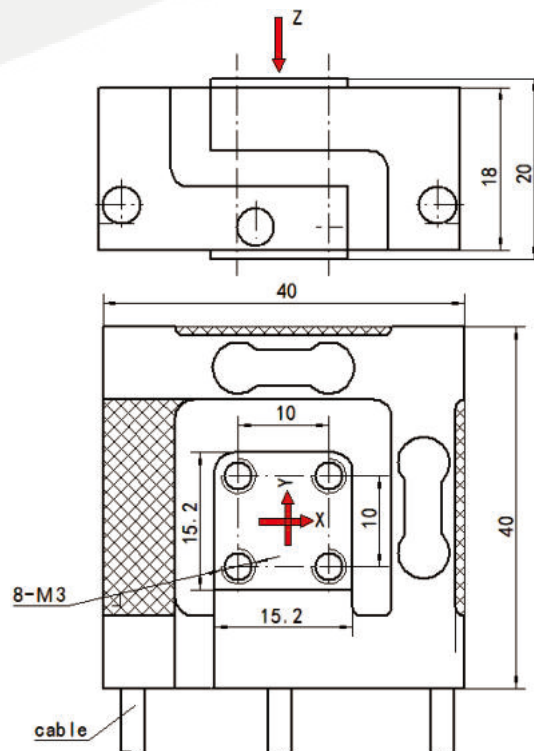
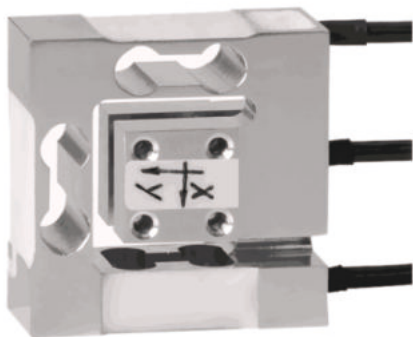


Parallel Beam Load Cell



GPB160-1



FEATURES

- Aluminum alloy, surface anodized and anticorrosive
- Applied to three-way force measuring system

PARAMETERS

Rated Load	10,20,30,50(N)		
Comprehensive Error	$\pm 0.2\% \text{F.S}$	Compensated Temp Range	-10~+40°C
Rated Output	1.0 \pm 0.5% mV/V	Operating Temp Rang	-35~+70°C
Zero Balance	$\pm 0.1 \text{mV/V}$	Excitation, Recommended	5~10VDC
Linearity Error	$\pm 0.2\% \text{F.S}$	Excitation, Maximum	18VDC
Linearity Error	$\pm 0.2\% \text{F.S}$	Safe Overload	150% F.S
Hysteresis Error	$\pm 0.2\% \text{F.S}$	Insulation Resistance	$\geq 5000 \text{M}\Omega (50 \text{VDC})$
Creep	0.2% $\text{F.S}/2 \text{min}$	Cable	4-Wire Shielded Cable
Input Resistance	350 \pm 10 Ω	Cable Length	$\Phi 3.8 \text{mm} \times 2 \text{m}$
Output Resistance	350 \pm 10 Ω	Ingress Protection	IP65
Temp.Effect on Output	$\pm 0.2\% \text{F.S}/10^\circ \text{C}$	Wiring Code	Exc+ : Red Exc- : Black
Temp.Effect on Zero	$\pm 0.2\% \text{F.S}/10^\circ \text{C}$		Sig+ : Green Sig- : White