

The type FSU is a low capacity low form factor single point load cell useful in medical scales, postal scales and industrial applications.



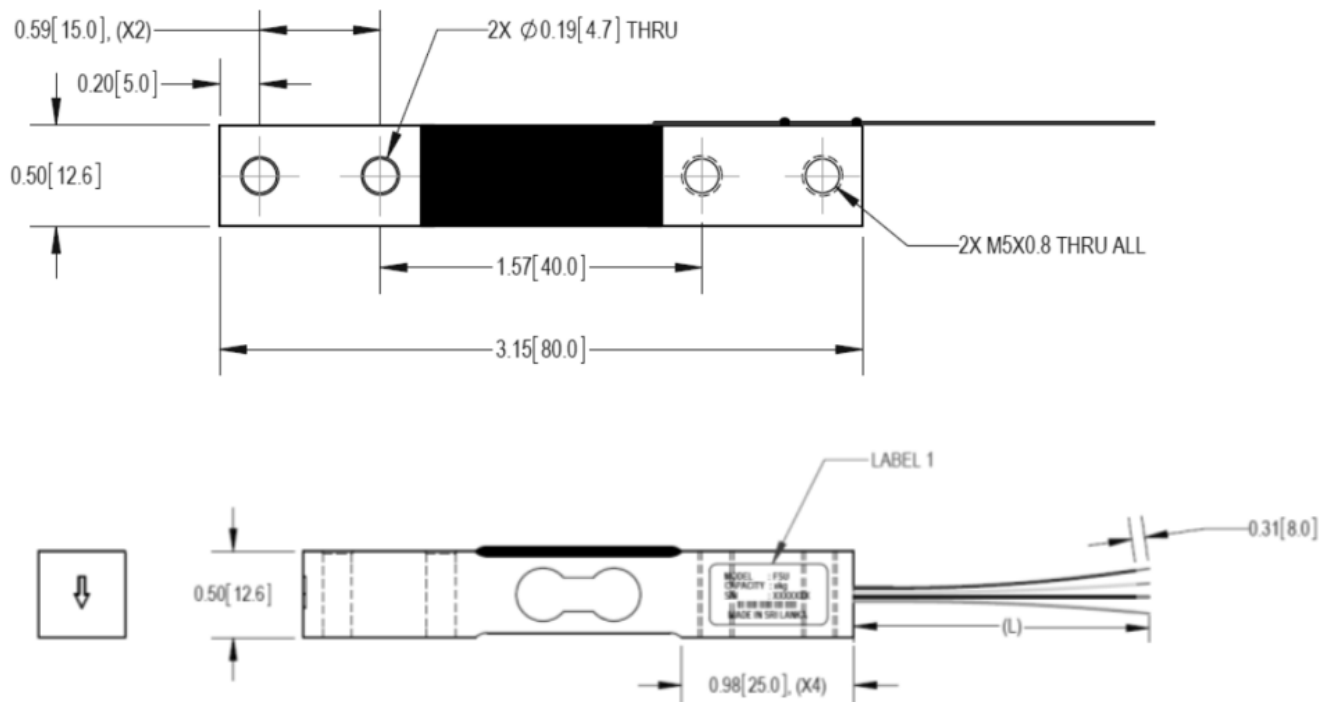
FEATURES

- Capacity 1, 2 & 5kgs
- Anodized aluminum construction
- Environmental protection IP67
- Low profile design

APPLICATIONS

- Compact scales
- Special applications in medical
- Retail & counting scales
- Postal scales

DIMENSIONS



SPECIFICATIONS

Model	FSU	
Capacities	kg	1, 2, 5
Full Scale Output (FS)	mV/V	0.5± 1%
Non-linearity	%FS	≤±0.03
Hysteresis	%FS	≤±0.03
Repeatability	%FS	≤±0.1
Creep @30min	%FS	≤±0.1
Zero Balance	%FS	≤±5
OCLS		
Max Platform Size	mm	150x150
Max Off Center Distance	mm	50
OCLS Error	%FS	≤0.8
Temperature Effect		
Output	%FS/10° C	≤±1
Zero	%FS/10° C	≤±1
Temperature Range		
Compensated	°C	-10 - +40
Operating	°C	-20 - +65
Terminal Resistance		
Input	Ω	386±30
Output	Ω	350±5
Excitation Voltage	VDC	5-15
Insulation Resistance @ 50VDC	M Ω	≤5000
Safe Overload Limit	%FS	150
Ultimate Load	%FS	300
Cable Length (L)	mm	158 ⁺¹⁰ ₋₀
Cable Type	28 AWG Teflon Wires	
Seal Type	IP67	
Element Material	Aluminum	

WIRING



PART NUMBERS

CAPACITY (kg)	PART NUMBER
1	FSU-1KGA3
2	FSU-2KGA3
5	FSU-5KGA3