

Z6FC3/Z6FD1

BEAM TYPE LOAD CELL

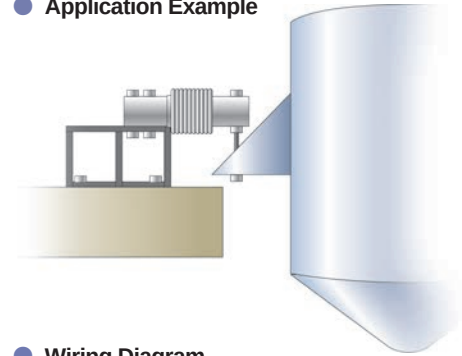


IP68

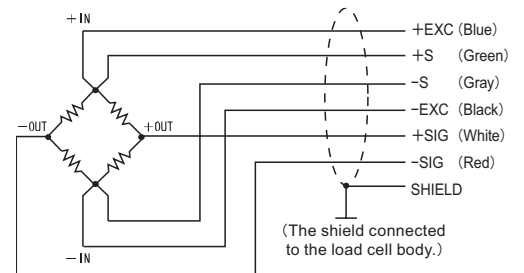
Specifications

Model	Z6FD1-5KG	Z6FC3-10KG	Z6FC3-20KG, Z6FC3-50KG Z6FC3-100KG, Z6FC3-200KG	
Rated capacity	5	10	20, 50, 100, 200	kg
Rated output	2.0 ^{+0.02} _{-0.002}	2±0.1%	2±0.05%	mV/V
Safe overload	150			%R.C.
Maximum safe overload	300			%R.C.
Non-linearity	0.05	0.0180 (typ)		%R.O.
Hysteresis	0.05	0.0170 (typ)		%R.O.
Creep	0.049	0.0166		%R.O./30min
Compensated temperature range	-10 to +40			°C
Safe temperature range	-30 to +70			°C
Temperature effect on zero	0.05	0.0125		%R.O./10°C
Temperature effect on span	0.05	0.0080 (typ)		%R.O./10°C
Input resistance	350 to 480			Ω
Output resistance	356±0.2	356±0.12		Ω
Maximum excitation voltage	12			V
Insulation resistance	5000 or more			MΩ
Degrees of protection	IP68			
Cable	φ5.4 6 conductor shield cable 3m			
Load cell material	Stainless steel			

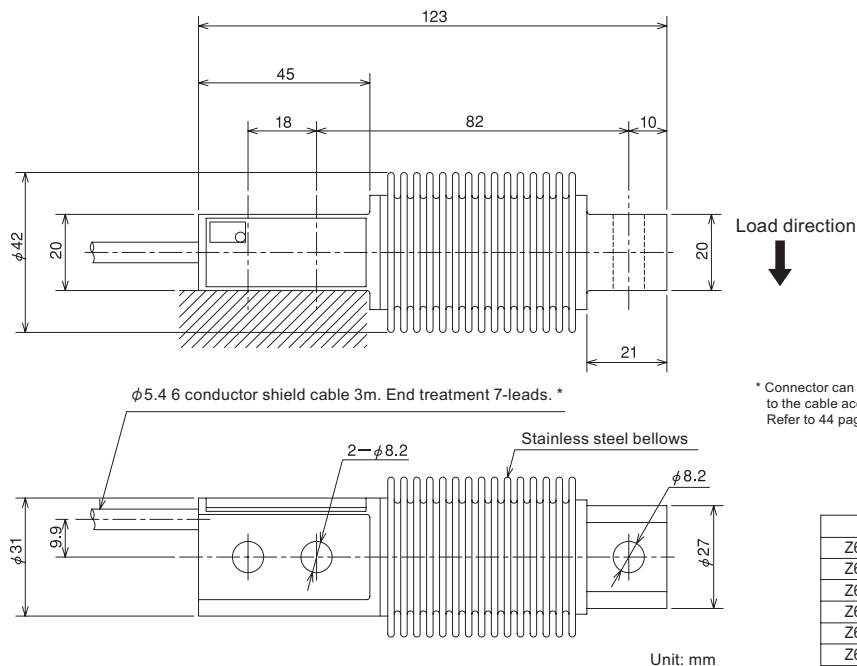
Application Example



Wiring Diagram



External dimension



Model	Weight
Z6FD1-5KG	0.5kg
Z6FC3-10KG	
Z6FC3-20KG	
Z6FC3-50KG	
Z6FC3-100KG	
Z6FC3-200KG	