

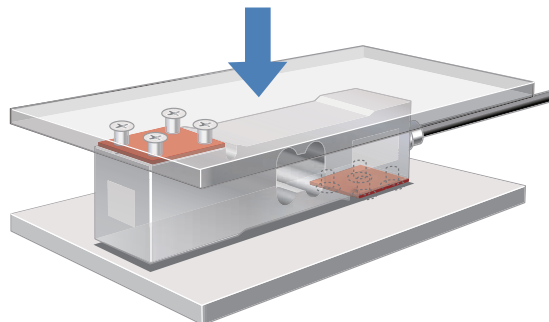
PW10A

SINGLE POINT TYPE LOAD CELL

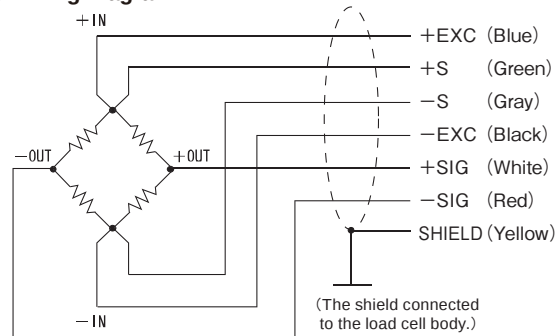


IP67

Application Example



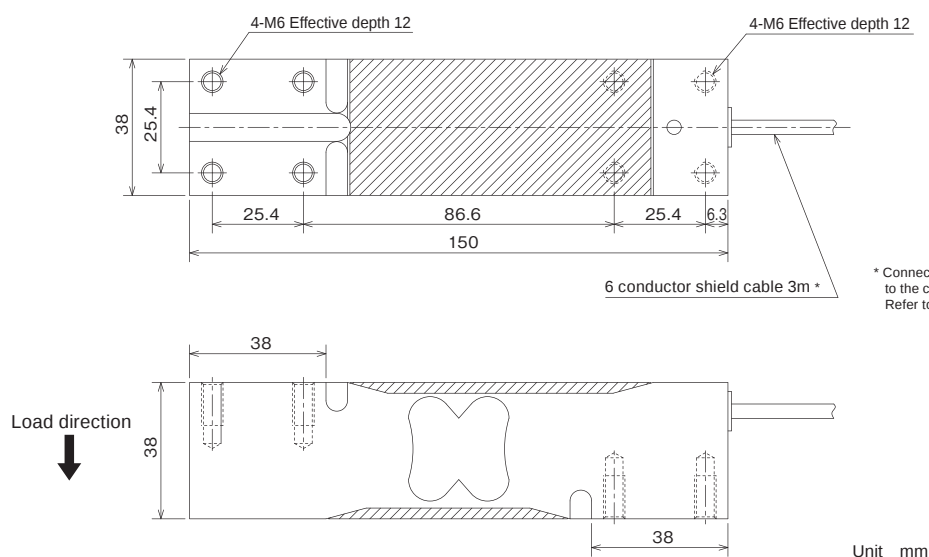
Wiring Diagram



Specifications

Model	PW10A-50KG, PW10A-100KG, PW10A-150KG, PW10A-200KG, PW10A-250KG, PW10A-300KG	
Rated capacity	50, 100, 150, 200, 250, 300	kg
Rated output	2.0±0.2	mV/V
Safe overload	150	%R.C.
Maximum safe overload	300	%R.C.
Maximum safe side overload	300	%R.C.
Zero balance	±6	%R.O.
Non-linearity	0.0166 (typ)	%R.O.
Hysteresis	0.0166 (typ)	%R.O.
Compensated temperature range	-10 to +40	°C
Safe temperature range	-10 to +50	°C
Temperature effect on zero	0.0140 (50/100/200kg), 0.0093 (150/300kg), 0.0112 (250kg)	%R.O./10K
Temperature effect on span	0.0175 (+20 to +40°C), 0.0117 (-10 to +20°C)	%R.O./10K
Input resistance	300 to 500	Ω
Output resistance	330 to 430	Ω
Recommended excitation voltage	1 to 12	V
Insulation resistance	2000 or more	MΩ
Degrees of protection	IP67	
Cable	6 conductor shield cable 3m	
Load cell material	Aluminum	

External dimension



Model	Deflection at rated	Natural frequency	Maximum off center distance	Maximum platform size	Weight
PW10A-50KG	0.5mm or less	734Hz	150mm	600×500mm	0.6kg
PW10A-100KG		877Hz			
PW10A-150KG		961Hz			
PW10A-200KG		1024Hz			
PW10A-250KG		1070Hz			
PW10A-300KG		1105Hz			