

Floor Scale

TL series

Low-floor load cell floor scales



Robust & Stable

Stainless steel cabinet.
Stable operation even after
long-term use.

Durable

Durable beam type load cell
is used in the load detection
section.

Various Type

Available in standard, thin,
and ultra-compact type.

Custom Design

Custom design model is
available up on request.

RoHS

(10 substances)

Specifications

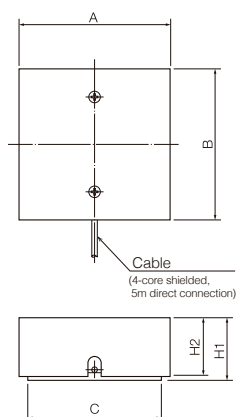
Type	Ultra-compact			Thin									
Line up (Rated Capacity)	TL-LF			TL-PM12			TL-PM18			TL-PM21			
	0.6 kg	1 kg	3 kg	10 kg	20 kg	50 kg	10 kg	20 kg	50 kg	10 kg	20 kg	50 kg	
Weight	0.4kg			0.7kg			1.4kg			1.7kg			
Linearity	0.03%			0.25%			0.25%			0.25%			
Safe Overload Rating	150%			150%			150%			150%			
Compensated Temperature Range	-10 to 40°C			-10 to 50°C			-10 to 50°C			-10 to 50°C			
Dim	A / B / C	80 / 80 / 70			120 / 120 / 110			180 / 180 / 170			210 / 210 / 200		
	E / F	- / -			- / -			- / -			- / -		
	H1 / H2	31 / 31			19 / 17			19 / 16			19 / 16		

Type		Standard																				
Line up (Rated Capacity)		TL-PS18			TL-PS21				TL-PS25				TL-PS28				TL-PS33			TL-PS42		
		10 kg	20 kg	50 kg	20 kg	50 kg	100 kg	200 kg	20 kg	50 kg	100 kg	200 kg	20 kg	50 kg	100 kg	200 kg	50 kg	100 kg	200 kg	100 kg	200 kg	300 kg
Weight		2.0kg			2.0kg				3.8kg				4.5kg				6.2kg			11.1kg		
Linearity		0.10%			0.10%				0.10%				0.10%				0.10%			0.10%		
Safe Overload Rating		150%			150%				150%				150%				150%			150%		
Compensated Temperature Range		-10 to 50°C			-10 to 50°C				-10 to 50°C				-10 to 50°C				-10 to 50°C			-10 to 50°C		
Dim	A / B / C	180 / 180 / 170			210 / 210 / 200				250 / 250 / 240				280 / 280 / 270				335 / 335 / 325			420 / 420 / 410		
	E / F	120 / 150			180 / 120				180 / 220				210 / 240				270 / 300			350 / 380		
	H1 /H2	25 / 21			28 / 24				28 / 24				28 / 24				28 / 24			32 / 27		

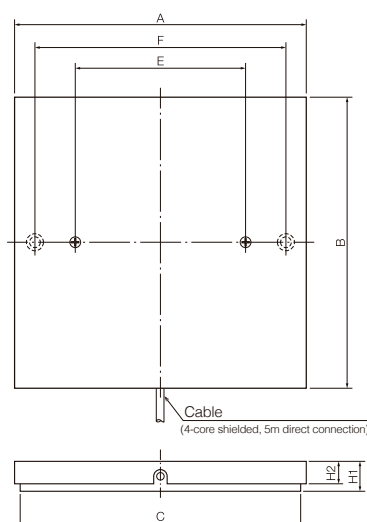
Dimensional drawings

(Units: mm)

TL-LF



TL-PM, TL-PS



System Configuration

Sensor



Floor Scale

Indicator/Amp – Control device



Digital Indicator
TD-700T

Signal Conditioner
TC-SC1 (D/A)

* Please also see page 44-45 for more info
on Digital Indicators/Signal Conditioners.

Mounting method

- There are two methods of mounting: fixing the bottom plate to the floor surface or fitting it into a frame.

Note

- Keep the installation surface of the platform level.
- If the installation surface is tilted, it shows a different value from the actual load value.
- This product cannot be used for commercial transactions or acts of certification as stipulated in the "Measurement Law".
- Please contact your dealer for REACH regulations.