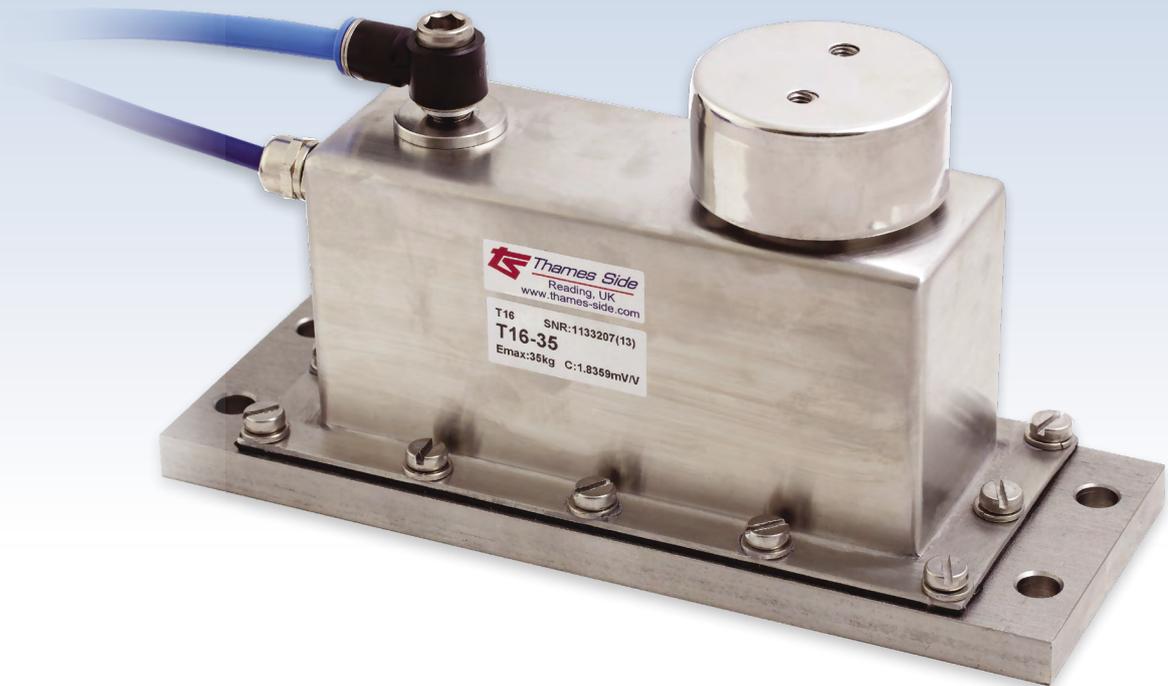


VISCOUS DAMPED LOAD CELL ASSEMBLY FOR DYNAMIC WEIGHING APPLICATIONS

capacities 5kg - 35kg



High speed (dynamic) process weighing problems solved simply and cost effectively.

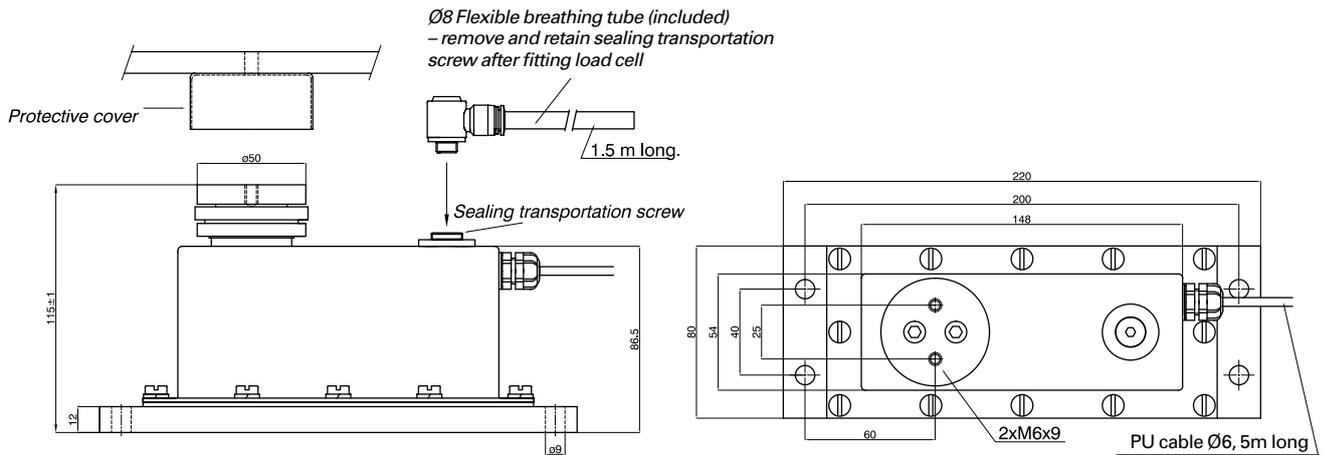
The T16 load cell is specifically designed as a reliable, simple, low cost solution for dynamic weighing allowing faster setting time, greater weighing speeds and increased load cell life (compared with an undamped load cell). For wash down applications a special venting kit, supplied with the unit, can be fitted which ensures IP68 protection levels. A stainless steel cover is also fitted to protect the weighing head.

It's particularly suited to high-speed check-weighing applications and form, fill, seal (FFS) machines, while it's suitable for weighing platforms up to 500 x 500mm in size.

- Double bending beam single point load cell inside
- Grade 316 stainless steel housing
- Viscous damping especially for use in dynamic applications
- IP68 protection when using supplied venting kit
- 4000 divisions OIML R60 class C accuracy
- Integral single point load cell allows off-centre loading
- Integrated on-centre overload protection, with a dual stop for upwards and downwards protection
- 2 year warranty
- Durable and chemical resistant Polyurethane cable

T16

technical specification...



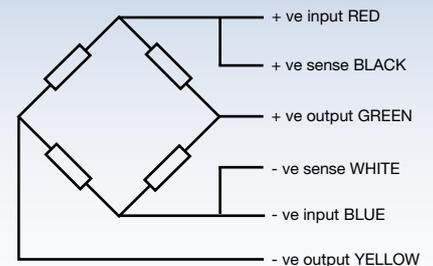
All dimensions in mm.

T16 Load Cell

	Load cell specification	Units
Load Cell Capacities	5, 7.5, 10, 15, 20, 30 **, 35	kg
Full Load Output	2.0 ± 10 %	mV/V
Excitation Recommended	10	V
Excitation Maximum	15	V
Safe Service Load	120	%*
Ultimate Load	150	%*
Minimum Dead Load	0	%*
Accuracy Class	4000	n.OIML
Combined Error	< ± 0.013	%*
Repeatability	< ± 0.01	%*
Creep error (30 minutes)	< ± 0.012	%*
Output at Zero Load	± 2.0	%*
Input Resistance	400 ± 20	Ω
Output Resistance	350 ± 3	Ω
Operational Temperature Range	-20 to +70	°C
Compensated Temperature Range	0 to +50	°C
Temperature Coefficient on Zero	< ± 0.002	%* / °C
Temperature Coefficient on Span	< ± 0.0012	%* / °C
Environmental Protection	IP66 (IP68 with venting kit fitted)	
Insulation	> 5000	MΩ
Cable Length	5	m
Cable Material	Polyurethane	
Venting Tube Length	1.5	m
Nominal Shipping Weight	4	kg

* All percentages are related to Full Rated Load

** 30kg capacity is manufactured to order on special request



Electrical Connections

Via 6 wire, 5.7mm diameter, screened polyurethane cable.

Screen not connected electrically to load cell.

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Our policy is one of continuous product enhancement. We therefore reserve the right to incorporate technical modifications without prior notification.

