

Compression Load Cell

COMP

- Suitable for high precision applications such as dosing systems, machines and other scale applications.
- Stainless steel construction. Welded cover.
- Highly accurate and reliable. $\pm 0.25\%$ accuracy.
- Low weight.
- Integral load button.



Specifications								
Full load output:	2.0 ($\pm 0.25\%$) mV/V							
Zero load output:	$< \pm 2.0\%$							
Excitation (Max):	10 (15) V							
Accuracy:	$< 0.25\%$							
Repeatability:	$< 0.1\%$							
Input resistance:	750 (± 20) Ω							
Output resistance:	700 (± 2) Ω							
Compensated temp.:	-10 to 50 $^{\circ}\text{C}$							
Operating temp. Range:	-20 to 70 $^{\circ}\text{C}$							
Temp. Coefficient on zero:	$< 0.005\%$ capacity/ $^{\circ}\text{C}$							
Temp. Coefficient on span:	$< 0.005\%$ capacity/ $^{\circ}\text{C}$							
Safe overload:	150%							
Insulation:	$> 500 @ 100\text{Vdc}$ M Ω							
IP class:	IP68							
Item No:	Capacity (T)	H (mm)	B (mm)	W (mm)	R (mm)	D (mm)	T (mm)	P (mm)
COMP0,5T	0.5	21	4	10	50	$\varnothing 59$	M3x7	42
COMP1T	1	21	4	10	50	$\varnothing 59$	M3x7	42
COMP2T	2	35	5	20	150	$\varnothing 98$	M6x18	72
COMP5T	5	35	5	20	150	$\varnothing 98$	M6x18	72
COMP10T	10	35	5	20	150	$\varnothing 98$	M6x18	72
COMP20T	20	35	5	20	150	$\varnothing 98$	M6x18	72

