

# Low profile load cell

## LOW PROFILE



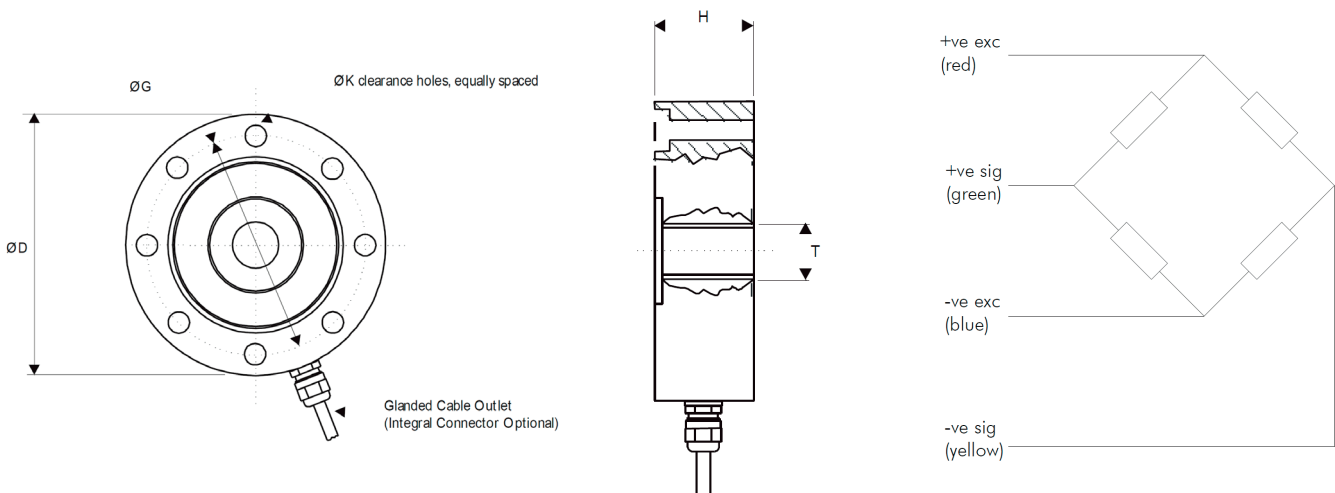
- Capacities 5kN to 1000kN.
- Low profile design.
- Low deflection.
- High natural frequency.
- Excellent rejection of extraneous forces.
- Fatigue rated to 109 full cycles.



Specifications		Options
Full load output:	2.0 ( $\pm 0.25\%$ ) mV/V.	Other ranges
Zero load output:	$< \pm 2.0\%$ .	Full range of mounting options
Excitation (Max):	10 (15) V.	Connector version
Accuracy:	$< 0.1\%$ .	Double bridge version
Repeatability:	$< 0.03\%$ .	
Input resistance:	375 ( $\pm 20$ ) $\Omega$ .	
Output resistance:	350 $\Omega$ .	
Compensated temp.:	0°C to 60°C.	
Operating temp. Range:	-20°C to 80°C.	
Temp. Coefficient on zero:	$< 0.0050\%$ capacity/°C.	
Temp. Coefficient on span:	$< 0.0050\%$ capacity/°C.	
Safe overload:	150%.	
Insulation:	$> 500 @ 100\text{Vdc M}\Omega$ .	
IP class:	IP65.	

Capacity (kN)	D (mm)	H (mm)	G (mm)	K (mm)	T (mm)
5, 10, 25, 50	107	33	90	8 off $\varnothing 8.5$	M20 x 2
100, 200	155	45	130	12 off $\varnothing 11$	M36 x 2
500, 1000	280	78	230	16 off $\varnothing 17$	M64 x 6



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