

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	H2	H3	T
N/mm									
40,000	110.0	99.0	50.0	80.0	80.0	4.50	16.0	40.0	M12 Depth 16.0
N/inches (conversion of above dimensions)									
40,000	4.33	3.90	1.97	3.15	3.15	0.18	0.63	1.57	M12 Depth 0.63

SPECIFICATIONS

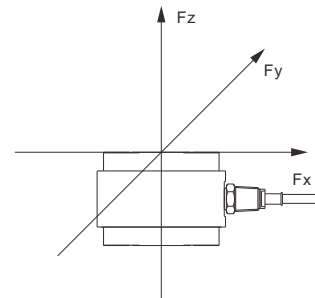
Full Scale Output	Fx/y: 1.5 ± 10% mV/V Fz: 0.5 ± 10% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.05 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 1.0%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 1.0%	Safe Overload	150% of full scale
Hysteresis Error	< ± 1.0%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 1.0%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	175 Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Fx: Sig+ Green Sig- White Fy: Sig+ Blue Sig- Yellow Fz: Sig+ Pink Sig- Grey
Output Resistance	Fx/y: 700 Ω ± 5 Fz: 350 Ω ± 5		
Element Material	17- 4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
40kN	563FS3A01-001-24A.....	5.0

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

FORCE DIAGRAM



Product Datasheet Disclaimer

Information Changes:

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California Proposition 65:

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