



Material of M106ES is 2Cr13 stainless steel



Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	H3	H4	W	T
Klb/inches											
50-100	2.95	1.73	11.0	2.49	7.25	2.11	3.82	7.78	0.82	4.18	1/2-14 NPT
kg/mm (conversion of above dimensions)											
22,680-45,360	75.0	44.4	280.0	63.3	184.0	53.7	97.0	197.6	20.8	106.2	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1100Ω ± 50	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	1000Ω ± 10		Sig+ Green Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

PART NUMBER*

Load Cell	Rated Capacity	Part No.	Weight Approx. (kg)
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50Klb.....	106ES-50Klb-YZ.....	3.6
100Klb.....	106ES-100Klb-YZ.....	4.1

Mounting Hardware	Load Cell Capacity	Part No.	Weight Approx. (kg)
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Mounting Cap....(50-100)Klb....	M106ES-(50-100)Klb-YZ....	0.3
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* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal.....	SCA
Coti Global.....	CG-26S

NTEP 1:10 000 Class IIII, Multiple Cell

OIML MAA C3, Y=16 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

Product Datasheet Disclaimer

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