



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
<b>Klb/inches</b>											
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
<b>kg/mm</b> (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

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

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.