

# M28S M28B

## Shear Beam Load Cell



### SPECIFICATIONS

Capacity 100-10000kg 500lb-20klb	Sensitivity 3.0±0.008mV/V	Creep (30 Min) 0.02% F.S.	Input Resistance 350±3.5Ω
Material Stainless steel	Overload Limitation 150% F.S.	Zero Output ±1% Emax	Non-linearity ±0.02% Emax.
Protection IP67	Output Resistance 350±3Ω	Temperature Effect Zero 0.018% F.S. / 10°C	Non-Repeatability ±0.01% Emax.
Accuracy C3	Insulation Resistance ≥5000mΩ (50V)	Temperature Effect Sensitivity 0.014% F.S. / 10°C	Recommended Excitation 5-12VDC
			Operating Temperature -35-65°C

### FEATURES

- M28S-CE
- M28B-OIML/NTEP
- Capacity up to 10000kg
- Stainless steel material
- Optional rubber pads for leveling feet
- Default cable length is 6m, diameter is 5mm  
(Optional customized longer cable)
- Interchangeable with below models: Tedeia-Huntleigh\* 3410/3411, 3510, Revere\*9123, ACB, Sensortronics\*65083, Zemic\* B8D, Flintec\* SB9, Celtron\*SEB



### MODELS

<b>Part No.</b>	120128	120129	120130	120131	120132	120133	120134	120135	120136
<b>M28S</b>	100kg	250kg	500kg	1000kg	1500kg	2000kg	2500kg	5000kg	10000kg
<b>Part No.</b>		120137	120138	120139		120140		120141	120142
<b>M28B</b>		250kg	500kg	1000kg		2000kg		5000kg	10000kg
<b>Part No.</b>	120143	120144	120145	120146	120147	120148	120149	120150	120151
<b>M28B</b>	500lb	1klb	2klb	4klb	5klb	7.5klb	10klb	15klb	20klb
<b>Class</b>	C3								
<b>IP</b>	IP67								



## DIMENSION / mm/inch

Capacity	L	L1	L2	L3	H	W	D	d	K	M	weight/kg
0.5-2t	130	15.75	25.4	101.6	31.32	31.32	13.46	13.46	15.75	M12x1.75	1.3
5t	171.5	19.05	38.1	133.4	36.83	36.83	20.65	20.65	19.05	M20x2.5	2.3
10t	222.3	25.4	50.8	171.5	49.53	49.53	26.92	27.56	24.75	M24x2	5.2
0.5-2klb	5.12	0.62	1	4	1.19	1.21	0.53	0.53	0.56	1/2-20UNF	1
2.5-5klb	5.12	0.62	1	4	1.23	1.23	0.53	0.53	0.62	1/2-20UNF	1
5-15klb	6.75	0.75	1.5	5.25	1.45	1.45	0.78	0.78	0.75	3/4-16UNF	1.7
20klb	8.75	1	2	6.75	1.95	1.95	1.06	1.09	0.97	1-12UNF	4

