

# M28i M28D

## Shear Beam Load Cell



### SPECIFICATIONS

Capacity 500-10000kg 500lb-20klb	Sensitivity 2.0±0.002mV/V 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 IP68	Output Resistance 350±3.5Ω	Temperature Effect Zero 0.018% F.S. / 10°C	Non-Repeatability ±0.01% Emax.
Accuracy C3	Insulation Resistance ≥5000mΩ (50VDC)	Temperature Effect Sensitivity 0.014% F.S. / 10°C	Recommended Excitation 5-12VDC
			Operating Temperature -35-65°C

### FEATURES

- M28i-CE (till 2500kg)
- M28D-OIML/NTEP
- Capacity up to 10000kg
- Stainless steel material
- Optional rubber pads for leveling feet
- Default cable length is 5m-M28i
- Default cable length is 6m-M28D  
(Optional customized longer cable)
- Interchangeable with below models: HMB\* BLC/ELC, Mettler Toledo\* SLB515, Tedeo-Huntleigh\* 3410/3411, Revere\*ACB, Celtron\*SQB-HSS, Zemic\* BM8D, Flintec\* SB14/SLB



### MODELS

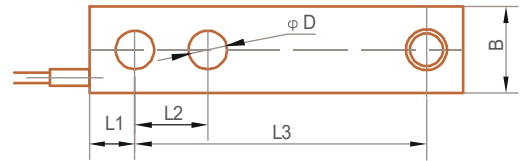
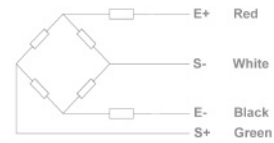
<b>Part No.</b>	120152	120153	120154	120155	120156				
<b>M28i</b>	500kg	1000kg	1500kg	2000kg	2500kg				
<b>Part No.</b>	120157	120158	120159	120160	120161	120162	120163	120164	
<b>M28D</b>	500kg	1000kg	1500kg	2000kg	2500kg	5000kg	7500kg	10000kg	
<b>Part No.</b>	120165	120166	120167	120168	120169	120170	120171	120172	
<b>M28D</b>	1klb	2klb	2.5klb	5klb	7.5klb	10klb	15klb	20klb	
<b>Class</b>	C3/N5								
<b>IP</b>	IP68								

## M28i

### DIMENSION / mm

Capacity	L	L1	L2	L3	L4	H	h	B	D	M	weight/kg
0.5-2.5t	133.4	16.4	25.4	101.6	-	30.2	28.4	30.7	13	M12x1.75	1.3

\* lb models with screw thread of 1/2-20UNF | 3/4-16UNF | 1-12UNF



## M28D

### DIMENSION / mm

Capacity	L	L1	L2	L3	L4	H	h	B	D	M	weight/kg
500kg	130	15.7	25.4	101.6	79.5	31.3	24.76	30.7	13.4	M12x1.75	1
1t	130	15.7	25.4	101.6	79.5	31.3	26	30.7	13.4	M12x1.75	1
1.5-2t	130	15.7	25.4	101.6	79.5	31.3	27.95	30.7	13.4	M12x1.75	1
2.5-5t	171.1	19	38.1	133.3	111.1	36.8	31.95	30.7	19.8	M20x2.5	1.7
7.5-10t	222.2	25.4	50.8	171.5	144	49.5	40	49.5	26.9	M24x2	3.7

\* lb models with screw thread of 1/2-20UNF | 3/4-16UNF | 1-12UNF

