





**SPECIFICATIONS**

PARAMETER	VALUE				UNIT
Rated capacity—R.C. (Emax)	0.25, 0.5, 1, 2, 3.5, 5, 10, 28, 60				ton
Accuracy class according to OIML	NTEP	D3	C3 <sup>3</sup>	C4 <sup>2</sup>	
Maximum no. of verification intervals (nlc)	10000		3000	6000	
Minimum verification interval			Emax/10000	Emax/15000	
Minimum verification interval type MR			Emax/20000(1)	Emax/28000	
Rated output (=S)	2 (1.75 for 0.25T, 2.05 for 10T)				mV/V
Output accuracy for multiple LC systems	0.01				±mV/V
Zero balance	1.0				±% FSO
Combined error	0.0200	0.0300	0.0230	0.0115	±% FSO
Creep error (30 minutes)			0.0245	0.0123	±% FSO
Temperature effect on zero	(0.0010)	(0.0010)	0.0070	0.0045	±% FSO/5°C (°F)
Temperature effect on sensitivity (output)	(0.0008)	(0.0008)	0.0050	0.0025	±% FSO/5°C (°F)
Minimum dead load	0				% Emax
Maximum safe overload	150				% Emax
Ultimate overload	300				% Emax
Maximum safe side load	100% up to 10 ton 50% for 28 & 60 ton				% Emax
Deflection at Emax	0.12–0.20				mm
Excitation voltage	5 to 15				V
Maximum excitation voltage	30				V
Input resistance	1110±50 (1100±50 for 0.25T and 10T) 1075±100 for 28T 1350±100 for 60T				
Output resistance	1025±25 (1025±50 for 0.25T and 10T) 930±0.5 for 28T 1175±0.5 for 60T				
Insulation resistance	≥5000 (20 for 28 and 60T)				M
Compensated temperature range	-10 to +40				°C
Operating temperature range	-30 to +70				°C
Storage temperature range	-50 to +80				°C
Element material (DIN)	Stainless steel 1.4542				
Sealing (DIN 40.050 / EN60.529)	IP66 and IP68				
Recommended torque on fixation bolts	12 to 14				N*m
ATEX opt. for potent. explosive atmo-spheres	II2G EEx ib IIC T4/T6, II2D, IIID T70 II3G nA II T4/T6				

Capacities of 28 and 60 ton Emax/15,000 appr

- 2. 250 kg and 10 ton capacities are approved to application range for 0.5T is 0.75\*Emax.
- The following accuracy classes are available (from 0.5T to 10T): C3MI6 and C3MI7.5. Minimum dead load output return is ½ Emax/6000 and ½ Emax /7500 respectively

FSO—Full Scale Output

All specifications subject to change without notice.



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