

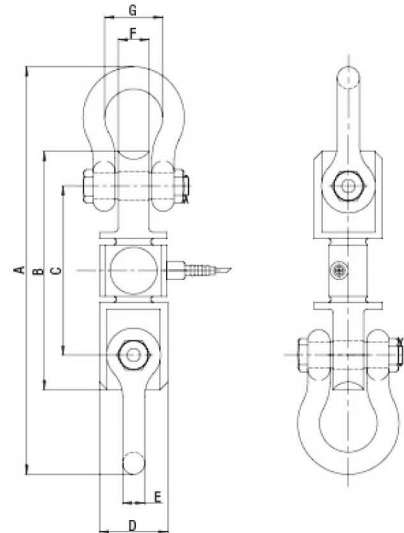
## ST 800E



### Background of development

- 1) Easy installation of loadcell
- 2) Convenient assembly of shackle and loadcell
- 3) Measurement for every industrial tensile load
- 4) Needs for the choice of various capacities

### DIMENSIONS



CABLE COLOR CODE	
EXC +	(RED)
EXC +	(WHITE)
SIG +	(GREEN)
SIG +	(BLUE, BLACK)
SHLD	(YELLOW)

Rated Capacity (R.C)	kgf / tf	10, 20, 30, 50tf
Rated Output (R.O)	mV/V	2.0 Nominal
Zero Balance	mV/V	0 ± 0.2
Combined Error	%	0.03
Repeatability	%	0.02
Creep (30min)	%	0.03
Temperature Effect on		
Zero Value	% / 10°C	0.03
Output Value	% / 10°C	0.03
Excitation		
Recommended	V	10
Maximum	V	15
Resistance		
Input	Ω	760 ± 40
Output	Ω	700 ± 7
Insulation	MΩ	> 2,000
Compensated Temp Range	°C	-10 ~ +40
Operating Temp Range	°C	-20 ~ +80

Model	A	B	C	D	E	F	G	SHACKLE
ST800E - 10tf	522	310	220	87	28	40	74	B.B(1-1/8")
ST800E - 20tf	796	400	285	120	45	70	127	B.B(1-3/4")
ST800E - 30tf	868	428	288	120	50	75	146	B.B(2")
ST800E - 50tf	1106	508	342	145	67	98	184	B.B(2-1/2")

\*Special Order Made : 70tf~200tf