

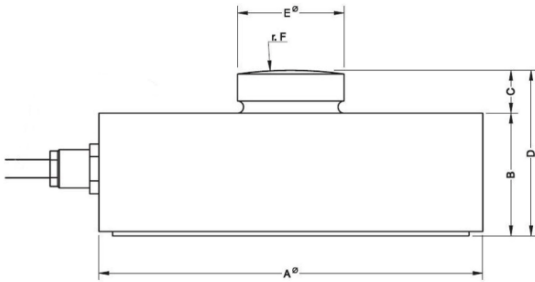
# SHIVAY

# SENSOR



## Model S 20

## SILO, TANK AND VESSEL LOADCELL



CAPACITY tf	A	B	C	D	E	F
1 to 10	82	32	12	44	22	130
20 & 30	126	40	14	54	35	200

### SPECIFICATION

#### RATED LOAD (T) 1, 2.5, 5, 10, 20, 30

Precision	C2/C3	Output Impedance( $\Omega$ )	$700 \pm 5$
Composition Error	0.03/0.02	Insulation ( $M\Omega$ )	$\geq 20000$
Rated Output(mv/v)	$2.0 \pm 0.2$	Excitation Voltage(V)	5~15(DC)
Non-Linearity (%FS)	0.025	Compensated Temp.( $^{\circ}C$ )	-10~+50
Hysteresis (%FS)	0.02	Use Temp. ( $^{\circ}C$ )	-20~+60
Repeatability (%FS)	0.02/0.01	Temp. Effect on Span(%FS)	0.02
Creep (%FS)	0.03/0.02	Temp. Effect on Zero(%FS)	0.02
Zero Balance (%FS)	$\pm 1.0$	Safe Overload(%FS)	120
Input Impedance( $\Omega$ )	$750 \pm 50$	Ultimate Overload(%FS)	150



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