

Model IDS624

SDS LOAD CELL

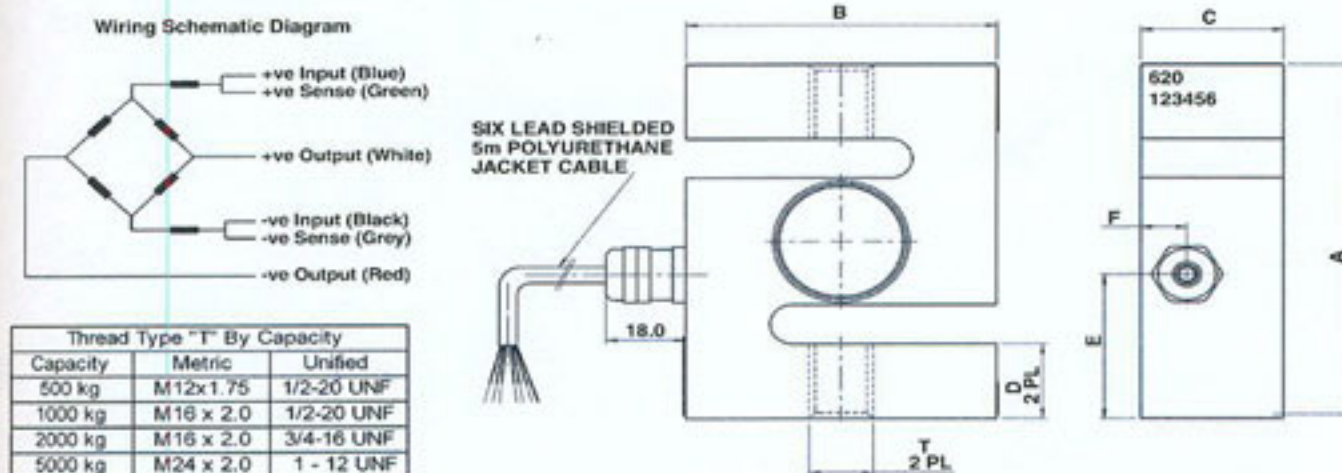


SPECIFICATIONS

PARAMETER	VALUE	UNIT
Rated capacity-R.C. (E_{max})	500, 1000, 2000, 5000*	kg
NTEP/OIML Accuracy class	C3	
Rated output-R.O.	2.0	mV/V
Rated output tolerance	0.0035	±mV/V
Zero balance	0.04	±mV/V
Total Error (per OIML R60)	0.0200	±% of R.O.
Zero Return, 30 min.	0.0170	±% of applied load
Temperature effect on zero	0.0023	±% of R.O./°C (°F)
Temperature effect on output	0.0012	±% of applied load/°C (°F)
Temperature range, compensated	-10 to +40	°C
Temperature range, safe	-30 to +90	°C
Maximum safe static overload	150	% of R.C.
Excitation, recommended	10	Vdc or Vac rms
Excitation, maximum	15	Vdc or Vac rms
Input impedance	400±20	Ohms
Output impedance	350±3	Ohms
Insulation resistance	>5000	Mega-Ohms
Construction	Stainless steel	
Environmental protection	IP68	

All specifications listed subject to change without notice.

OUTLINE DIMENSIONS in mm



Optional Rod End Bearings for use with all Vishay Transducers S-Type load cells are available - consult VT Sales office

Capacity	A	B	C	D	E	F
500, 1000, 2000 kg	90	70	32	19	36.8	10.4
5000 kg	120	100	45	26	60	13.8