

Model IDS625

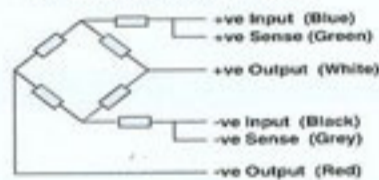
SDS LOAD CELL



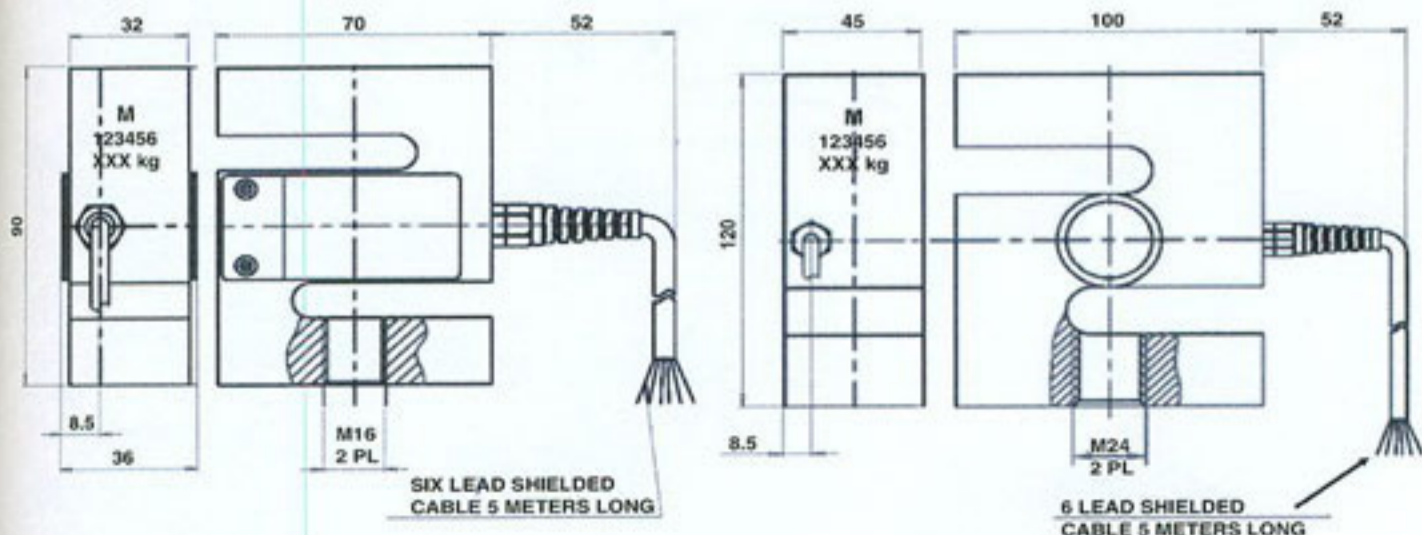
SPECIFICATIONS

PARAMETER	VALUE	UNIT
Rated capacity-R.C. (E_{max})	1500, 2000, 3000, 5000, 6000	kg
Accuracy class	G	
Maximum no. of intervals (n)	3000	
Rated output-R.O.	2.0	mV/V
Rated output tolerance	0.002	\pm mV/V
Zero balance	0.2	\pm mV/V
Zero Return, 30 min.	0.0170	\pm % of applied load
Total Error	0.020	\pm % of rated output
Temperature effect on zero	0.0040	\pm % of rated output/ $^{\circ}$ C
Temperature effect on output	0.0012	\pm % of applied load/ $^{\circ}$ C
Temperature range, compensated	-10 to +40	$^{\circ}$ C
Temperature range, safe	-20 to +70	$^{\circ}$ C
Maximum safe central overload	150	% of R.C.
Ultimate central overload	300	% of R.C.
Excitation, recommended	10	Vdc or Vac rms
Excitation, maximum	15	Vdc or Vac rms
Input impedance	385 \pm 15	Ohms
Output impedance	350 \pm 3	Ohms
Insulation resistance	>2000	Mega-Ohms
Cable length	5.0	m
Cable type	6 wire, braided, PVC, dual floating screen	Standard
Construction	Nickel plated alloy tool steel	
Environmental protection	IP67	

Wiring Schematic Diagram



OUTLINE DIMENSIONS in mm



1500, 2000kg cell outline

3000, 5000, 6000kg cell outline