

S40A

TENSION TYPE LOAD CELL

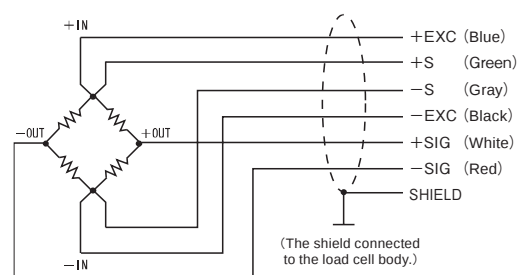


IP68

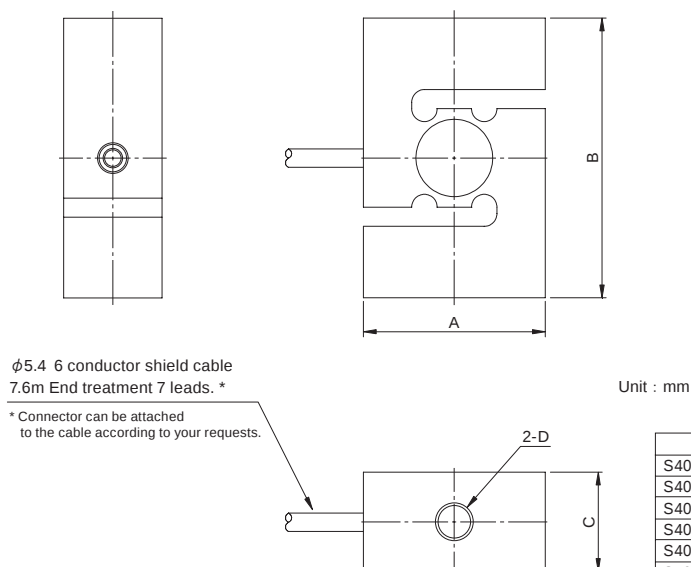
Specifications

Model	S40A-50KG, S40A-100KG, S40A-200KG, S40A-500KG, S40A-1T, S40A-2T
Rated capacity	50kg, 100kg, 200kg, 500kg, 1t, 2t
Rated output	2mV/V $\pm$ 0.25%
Safe overload	150%R.C.
Zero balance	0 $\pm$ 0.01mV/V
Non-linearity	0.0180%R.O.
Hysteresis	0.0170%R.O.
Creep	0.0166%R.O./30min
Compensated temperature range	-10 to +40°C
Safe temperature range	-30 to +70°C
Temperature effect on zero	0.0170%R.O./10°C
Temperature effect on span	0.0140%R.O./10°C
Input resistance	350 Ω or more
Output resistance	350 $\pm$ 1.5 Ω
Recommended excitation voltage	5V
Maximum excitation voltage	12V
Insulation resistance	5000M Ω or more
Degrees of protection	IP68
Cable	ϕ 5.4 6 conductor shield cable 7.6m End treatment 7 leads.
Load cell material	Stainless steel

Wiring Diagram



External dimension



Model	Deflection at rated	Weight	A	B	C	D
S40A-50KG	0.15mm $\pm$ 15%	0.6kg	50.8	63.5	25.4	M8 Depth 13MAX
S40A-100KG		0.7kg		76.2		M12 Depth 19MAX
S40A-200KG		1.1kg		87.3		M12 Depth 18MAX
S40A-500KG	0.25mm $\pm$ 15%	1.7kg	57.2	100	31	M12 Depth 23MAX
S40A-1T	0.38mm $\pm$ 15%		69.8			M24 $\times$ 2 Depth 27MAX
S40A-2T						