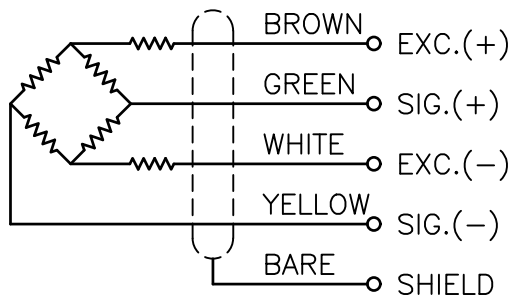


Model	DB98 - 50
Rated Capacity (R.C.)	50kg
Rated Output (R.O.)	1.8mV/V $\pm 0.1\%$
Non-Linearity	$\leq 0.03\%$ R.O.
Hysteresis	$\leq 0.03\%$ R.O.
Non-Repeatability	$\leq 0.01\%$ R.O.
Creep	$\leq 0.03\%$ R.O./20Min
Zero Balance	$\pm 1\%$ R.O.
Compensated Temp. Range	-10~70°C
Operating Temp. Range	-20~80°C
Temp. Effect on Rated Output	$\leq \pm 0.021\%$ LOAD/10°C
Temp. Effect on Zero Balance	$\leq \pm 0.025\%$ R.O./10°C
Terminal Input Resistance	440 Ohms ± 20 Ohms
Terminal Output Resistance	350 Ohms ± 3 Ohms
Insulation Resistance (Min.)	2000 Mohms at 50V DC
Excitation Voltage	3~12V(Recommended)/15(Maximum)
Cable	$\varnothing 5 \times 4 \times 3\text{m}$ (22AWG $\times 4$ Core Shielded)
Protection class	meets IP 64
Safe Overload	150% R.C.
Breaking load	300% R.C.
Material	Aluminum



2.				
1.				
NO.	REVISION & DESCRIPTION	DATE	DRAWN	APPROVED

1					
NO	DESCRIPTION	MATERIAL	Q'TY	REMARKS	
TITLE		DB98 - 50 OUTLINE & SPECIFICATIONS			
SCALE	DRAWN	CHECKED	APPROVED	PROJ.NO.	
1	1	SJH		DWG.NO.	REV.
DATE	200416			LS-DB98-050KOL11	B
BONGSHIN LOADCELL CO.,LTD.					