MODEL

BENDING BEAM LOAD CELLS

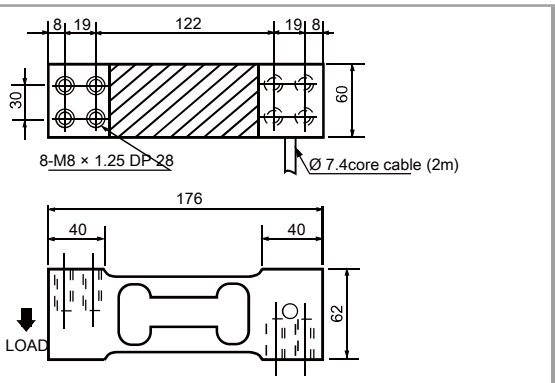
SCB2,4,5,6

Feature

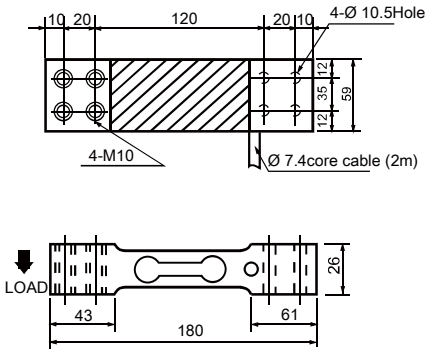
고강도 알루미늄 소재로서 산업용 및 상업용
전자저울에 사용.
가격이 저렴하고 고정밀도 (1/5000),
싱글 포인트 로드셀.
경량으로 사용이 편리하고 용량이 다양하며
무게 측정용으로 적합합니다.
Protection Class IP65



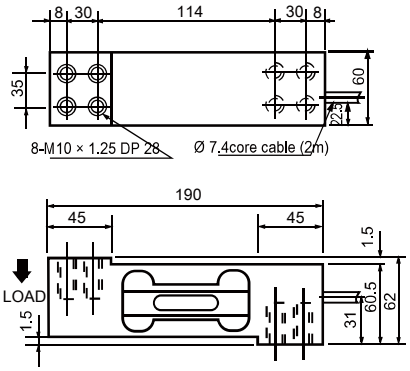
SCB2 60~300kgf (unit:mm)



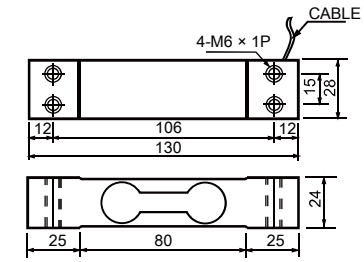
SCB5 30~300kgf (unit:mm)



SCB4 300~500kgf (unit:mm)



SCB6 6~30kgf (unit:mm)



Specification

Specification	Accuracy			
	SCB2	SCB4	SCB5	SCB6
Rated capacity (R.C)	60,100,250,300kgf	300,500kgf	30,50,100,150,300kgf	6,10,25,30kgf
Rated output (R.O)	2mV/V ±10%	2mV/V ±10%	1.5mV/V ±10%	2mV/V ±10%
Nonlinearity	0.02% R.O.	0.02% R.O.	0.02% R.O.	0.02% R.O.
Hysteresis	0.02% R.O.	0.02% R.O.	0.02% R.O.	0.02% R.O.
Repeatability	0.02% R.O.	0.02% R.O.	0.02% R.O.	0.02% R.O.
Creep (20min)	0.03% R.O.	0.03% R.O.	0.03% R.O.	0.03% R.O.
Zero balance	±5% R.O	±5% R.O	±5% R.O	±5% R.O
Terminal resistance input	420 ±20Ω	420 ±20Ω	420 ±20Ω	420 ±20Ω
Terminal resistance output	350 ±2Ω	350 ±2Ω	350 ±2Ω	350 ±2Ω
Insulation resistance	2000MΩ	2000MΩ	2000MΩ	2000MΩ
Temperature range, compensated	0 ~ 40℃	0 ~ 40℃	0 ~ 40℃	0 ~ 40℃
Temperature range, safe	-10 ~ 50℃	-10 ~ 50℃	-10 ~ 50℃	-10 ~ 50℃
Temperature effect, on zero balance	0.05% R.O./10℃	0.05% R.O./10℃	0.05% R.O./10℃	0.05% R.O./10℃
Temperature effect, on rated output	0.02% LOAD/10℃	0.02% LOAD/10℃	0.02% LOAD/10℃	0.02% LOAD/10℃
Excitation recommended	10V	10V	10V	10V
Safe overload	150% R.C	150% R.C	150% R.C	150% R.C
Cable length	ø7 4core, 2m	ø7 4core, 2m	ø7 4core, 2m	ø7 4core, 2m
Allowable maximum Platform size	400 X 600mm	450 X 650mm	400 X 500mm	300 X 300mm
Weight	1.5kg	1.6kg	0.9kg	0.4kg
Wiring Information	EXC + : RED, EXC- : White, SIG+ : Black, SIG- : Green			