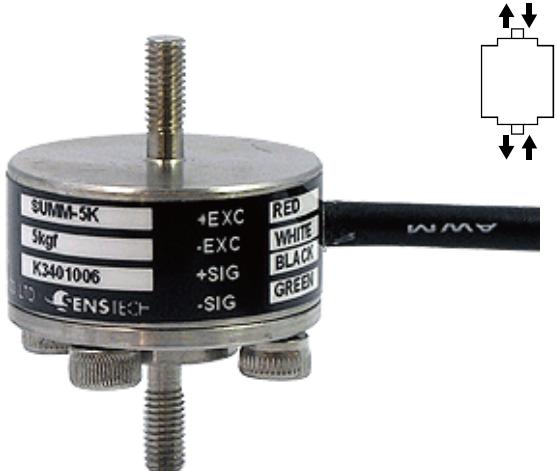


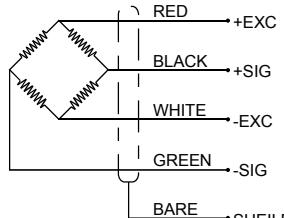
MINIATURE TENSION LOAD CELLS SUMM,SUMMA

Feature

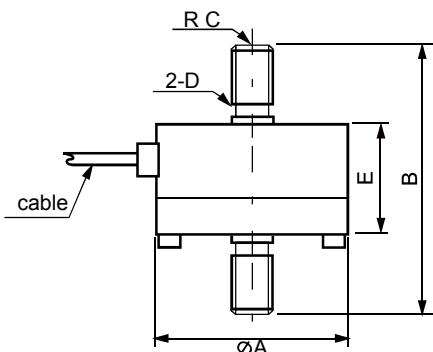
초소형으로 스텐레스 스틸 재질을 사용하여 내식성이 우수하며 인장, 압축이 가능한 모델입니다.
전자제품의 압입력 관리용이나 저용량의 인장 압축 측정에 사용되는 것으로 비교적 정밀도가 높으며 고정 나사부를 가진 것이 특징입니다.



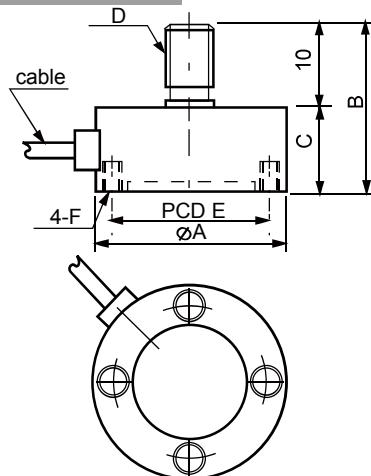
Wiring information



SUMM (unit:mm)



SUMMA (unit:mm)



Dimension (unit:mm)

Capacity	SUMM						SUMMA					
	A	B	C	D	E	F	A	B	C	D	E	F
1,2,5kgf	23	34	20	M3x0.5	14	-	23	20	10	M3x0.5	18	M3DP8
10,20,50,100,200kgf	27	37	30	M6x1	17	-	27	21	11	M6x1	22	M4DP8

Specification

Specification	SUMM	SUMMA
Rated capacity (R.C)	1,2,5,10,20,50,100,200kgf	1,2,5,10,20,50,100,200kgf
Rated output (R.O)	0.7mV/V ~ 1.2mV/V	0.7mV/V ~ 1.2mV/V
Nonlinearity	0.1% of R.O.	0.1% of R.O.
Hysteresis	0.1% of R.O.	0.1% of R.O.
Repeatability	0.1% of R.O.	0.1% of R.O.
Zero balance	±2% of R.O.	±2% of R.O.
Terminal resistance input	350 ±30Ω	350 ±30Ω
Terminal resistance output	350 ±2Ω	350 ±2Ω
Insulation resistance	2000MΩ	2000MΩ
Temperature range, compensated	-10 ~ 60°C	-10 ~ 60°C
Temperature range, safe	-10 ~ 80°C	-10 ~ 80°C
Temperature effect, on zero balance	0.05% R.O./10°C	0.05% R.O./10°C
Temperature effect, on rated output	0.1% LOAD/10°C	0.1% LOAD/10°C
Excitation recommended	5V	5V
Safe overload	120% R.C	120% R.C
Cable length	Φ3.4core shield cable, 2m	Φ3.4core shield cable, 2m