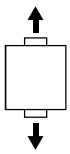
MODEL

TENSION LOAD CELLS

STX

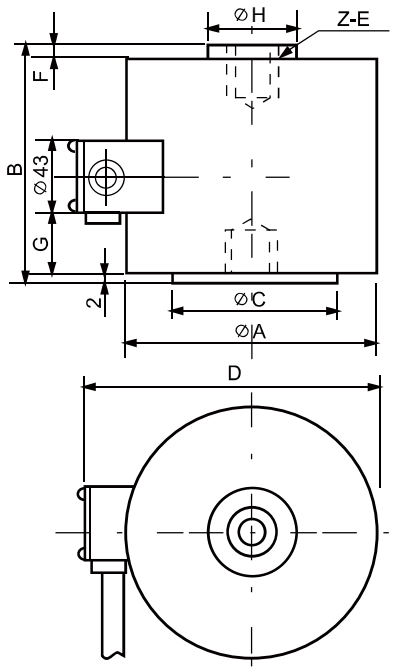
Feature

고정밀도의 인장로드셀로 호퍼스케일
배처프랜트 등 산업용 시스템에 적합
완전밀폐구조로 환경이 나쁜 곳에서도 사용가능
보호등급 IP67

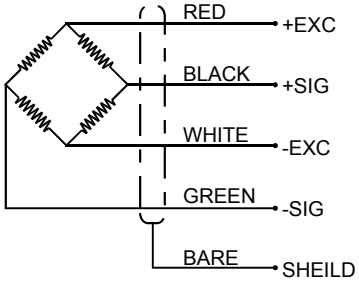




Dimension



Wiring information



Dimension (unit:mm)

Capacity	ΦA	B	ΦC	D	E	F	G	ΦH	Weight(kg)
100,200,500kgf,1tf	88	107	50	118	M12x1.25 DP15	4	25	24	3
2,3,5tf	88	150	66	118	M24x2 DP30	5	42	30	5
10tf	137	220	66	167	M39x2 DP50	8	65	62	11
20tf	137	240	66	167	M50x2 DP65	8	75	62	11
50tf	213	410	130	245	M76x3 DP115	25	140	116	
100tf	267	500	192	315	M100x3 DP150	25	250	196	

Specification

Specification	STXH	STXM	STXM
Rated capacity (R.C)	1,2,3,5,10,20tf	100,200,500kgf, 1,2,3,5,10,20tf	100,200,500kgf, 1,2,3,5,10,20,50,100tf
Rated output (R.O)	2mV/V ±0.1%	2mV/V ±0.1% (50~500tf:1.5mV/V)	2mV/V ±0.1% (50~500tf:1.5mV/V)
Nonlinearity	0.02% of R.O.	0.05% of R.O.	0.1% of R.O.
Hysteresis	0.02% of R.O.	0.05% of R.O.	0.1% of R.O.
Repeatability	0.02% of R.O.	0.05% of R.O.	0.1% of R.O.
Zero balance	±1% R.O	±1% R.O	±1% R.O
Terminal resistance input	350 ±5Ω	350 ±5Ω	350 ±5Ω
Terminal resistance output	350 ±5Ω	350 ±5Ω	350 ±5Ω
Insulation resistance	5000MΩ	5000MΩ	5000MΩ
Temperature range, compensated	-10 ~ 60℃	-10 ~ 60℃	-10 ~ 60℃
Temperature range, safe	-20 ~ 80℃	-20 ~ 80℃	-20 ~ 80℃
Temperature effect, on zero balance	0.03% R.O./10℃	0.03% R.O./10℃	0.01% R.O./10℃
Temperature effect, on rated output	0.03% LOAD/10℃	0.03% LOAD/10℃	0.01% LOAD/10℃
Excitation recommended	10V	10V	10V
Safe overload	150% R.C	150% R.C	150% R.C
Cable length	Φ7.5mm 4core, 3m	Φ7.5mm 4core, 3m	Φ7.5mm 4core, 3m