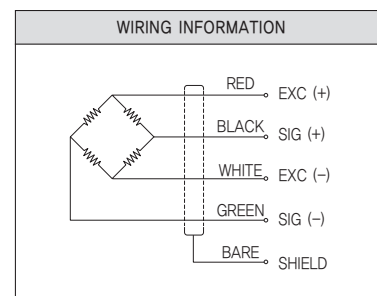
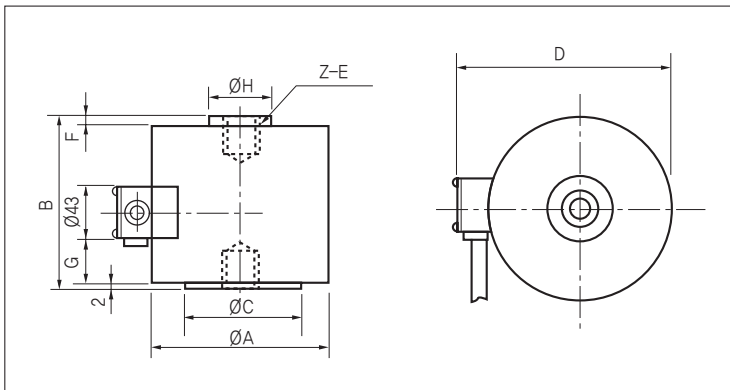


Tension Load Cells

>Model TX, TX61

고정밀도의 인장로드셀로 호퍼스케일, 배척프랜트 등 산업용 시스템에 적합.
완전밀폐구조로 환경이 나쁜 곳에서도 사용가능.
보호등급 IP67



>SPECIFICATIONS

Specifications	TXH	TXM	TXG	TX61
Rated capacity(R.C.)	1tf, 2tf, 3tf, 5tf, 10tf, 20tf	100kgf, 200kgf, 500kgf, 1tf, 2tf, 3tf, 5tf, 10tf, 20tf	100kgf, 200kgf, 500kgf, 1tf, 2tf, 3tf, 5tf, 10tf, 20tf, 50tf, 100tf	200kgf, 1tf, 10tf, 25tf
Rated output(R.O.)	2.0mV/V $\pm$ 0.1%	2.0mV/V $\pm$ 0.1% (50tf~500tf 1.5mV/V)	2.0mV/V $\pm$ 0.1% (50tf~500tf 1.5mV/V)	2.0mV/V $\pm$ 1%
Nonlinearity	0.02% of R.O.	0.05% of R.O.	0.1% of R.O.	0.1% of R.O.
Hysteresis	0.02% of R.O.	0.05% of R.O.	0.1% of R.O.	0.1% of R.O.
Repeatability	0.02% of R.O.	0.05% of R.O.	0.1% of R.O.	0.1% of R.O.
Zero balance	$\pm$ 1% of R.O.	$\pm$ 1% of R.O.	$\pm$ 1% of R.O.	$\pm$ 1% of R.O.
Temperature effect, on rated output	0.03% of LOAD/10 $^{\circ}$ C	0.03% of LOAD/10 $^{\circ}$ C	0.1% of LOAD/10 $^{\circ}$ C	0.1% of LOAD/10 $^{\circ}$ C
Temperature effect, on zero balance	0.03% of R.O./10 $^{\circ}$ C	0.03% of R.O./10 $^{\circ}$ C	0.1% of R.O./10 $^{\circ}$ C	0.1% of R.O./10 $^{\circ}$ C
Temperature range, compensated	-10~60 $^{\circ}$ C	-10~60 $^{\circ}$ C	-10~60 $^{\circ}$ C	-10~60 $^{\circ}$ C
Temperature range, safe	-20~80 $^{\circ}$ C	-20~80 $^{\circ}$ C	-20~80 $^{\circ}$ C	-20~80 $^{\circ}$ C
Terminal resistance input	350 $\pm$ 5 Ω	350 $\pm$ 5 Ω	350 $\pm$ 5 Ω	350 $\pm$ 5 Ω
Terminal resistance output	350 $\pm$ 5 Ω	350 $\pm$ 5 Ω	350 $\pm$ 5 Ω	350 $\pm$ 5 Ω
Insulation resistance bridge/case	5000M Ω	5000M Ω	5000M Ω	5000M Ω
Excitation recommended	10V	10V	10V	10V
Safe overload	150%	150%	150%	150%
Cable length	Ø7mm 4core, 3m	Ø7mm 4core, 3m	Ø7mm 4core, 3m	Ø7mm 4core, 3m

>DIMENSIONS TABLE

unit:mm

Capacity	ØA	B	ØC	D	E	F	G	ØH	Weight(kg)
100kgf (980.7N)	88	107	50	118	M12×1.25 DP15	4	25	24	3
200kgf (1.961kN)	88	107	50	118	M12×1.25 DP15	4	25	24	
500kgf (4.903kN)	88	107	50	118	M12×1.25 DP15	4	25	24	
1tf (9.807kN)	88	107	50	118	M12×1.25 DP15	4	25	24	
2tf (19.61kN)	88	150	66	118	M24×2 DP30	5	42	30	5
3tf (29.42kN)	88	150	66	118	M24×2 DP30	5	42	30	
5tf (49.03kN)	88	150	66	118	M24×2 DP30	5	42	30	
10tf (98.07kN)	137	220	66	167	M39×2 DP50	8	65	62	11
20tf (196.1kN)	137	240	66	167	M50×2 DP65	8	75	62	
50tf (490.3kN)	213	410	130	245	M76×3 DP115	25	140	116	
100tf (980.7kN)	267	500	192	315	M100×3 DP150	25	250	196	
Model		TX61							
Capacity	ØA	B	ØC	D	E	F	G	ØH	
TX61-200K, 200Kgf	88	150	50	–	2*M16x1.5 DP35	4	–	24	
TX61-1T, 1Tf	88	150	50	–	2*M18x2 DP35	4	–	24	
TX61-10T, 10Tf	137	200	66	–	2*M27x2 DP35	8	–	62	
TX61-25T 25Tf	137	200	66	–	2*M52x2 DP35	8	–	62	

★Specifications are subject to change without notice.