

Washer type load cell



Features

Capacity 50N-1KN

Low profile and compact size

Through-hole

Stainless steel construction

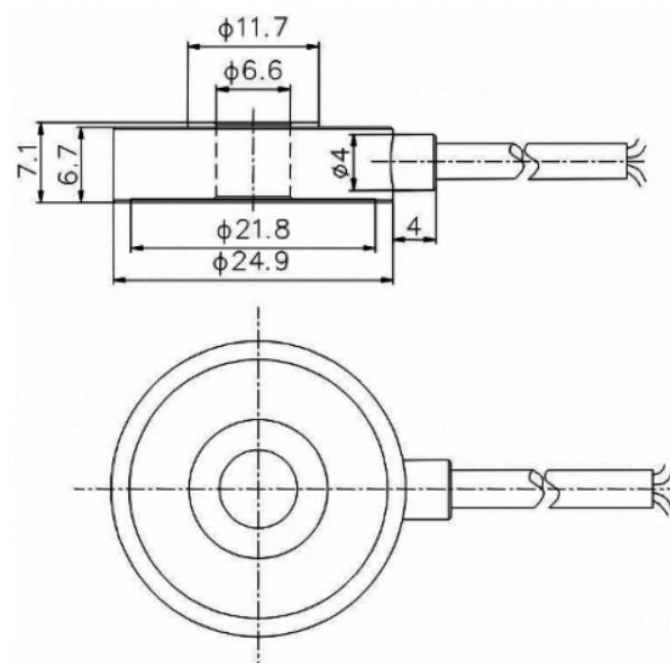
Optional features

Customizable dimensions

DESCRIPTION

ZMMC3는 50N에서 1000N까지의 광범위한 표준 용량으로 제공되는 스루홀 힘 센서입니다. ZMMC3은 실린더, 볼트 또는 샤프트에 작용하는 압축력 측정을 위해 구성되었습니다. 다양한 내부 관통홀 직경을 사용할 수 있습니다.

DIMENSIONS (mm)



SPECIFICATIONS

PARAMETER	VALUE	UNIT
Standard capacities (E _{max})	50,100,200,500,1000	N
Rated output-R.O.	1.5	mV/V
Zero balance	1	±% of rated output
Non linearity	0.25	±% of rated output
Hysteresis	0.25	±% of rated output
Non-repeatability	0.1	±% of rated output
Creep error (30 minutes)	0.05	±% of rated output
Zero return (30 minutes)	0.05	±% of rated output
Temperature effect on min. dead load output	0.0026	±% of rated output/°C
Temperature effect on sensitivity	0.0015	±% of rated output/°C
Compensated temperature range	-10 to +40	°C
Operating temperature range	-20 to +60	°C
Safe overload	150	% of R.C
Ultimate overload	200	% of R.C
Excitation, recommended	10	V _{dc}
Excitation, maximum	15	V _{dc}
Input resistance	750±20	Ohms
Output resistance	700±3	Ohms
Insulation resistance	5000	Mega-Ohms
Material	Stainless steel	
Protection class	IP66	

All specifications listed subject to change without notice.