

Washer type load cell



Features

- Capacity 5kg - 2000kg
- Low profile and compact size
- Through-hole
- Stainless steel construction

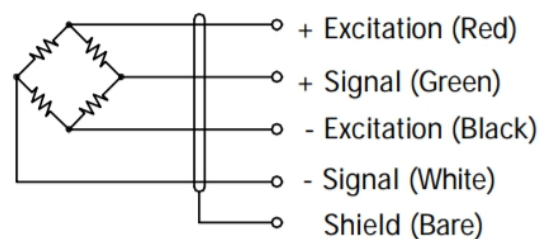
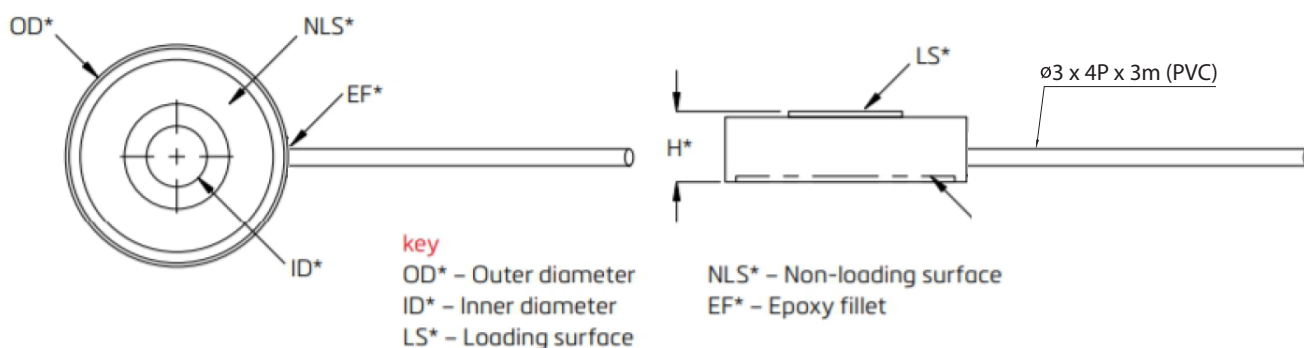
Optional features

- Customizable dimensions

DESCRIPTION

ZMMC4는 5kg부터 2000kg까지 다양한 표준 용량으로 사용할 수 있는 도넛형 힘 센서입니다. ZMMC4는 실린더, 볼트 또는 샤프트에 작용하는 압축력 측정을 위해 구성되었습니다. 다양한 내부 관통홀 직경을 사용할 수 있습니다. 외경과 내경은 고객의 요구 사항에 따라 맞춤 설정할 수 있습니다.

DIMENSIONS (mm)



Order Code ZMMC4-Outer diameter-Screw size-Capacity

Ex) ZMMC4-39-M16-50kg

Outer diameter (mm)	Inner diameter (mm)	Screw size	Height (mm)	Capacity (kg)								
				5	10	20	50	100	200	500	1000	2000
26	3.5	M3	8	Y	Y	Y	Y	Y	Y	Y		
26	4.5	M4	8	Y	Y	Y	Y	Y	Y	Y		
26	6.5	M6	8	Y	Y	Y	Y	Y	Y	Y		
26	8.5	M8	8	Y	Y	Y	Y	Y	Y	Y		
26	10.5	M10	8	Y	Y	Y	Y	Y	Y	Y		
39	10.5	M10	13				Y	Y	Y	Y	Y	Y
39	12.5	M12	13				Y	Y	Y	Y	Y	Y
39	14.5	M14	13				Y	Y	Y	Y	Y	Y
39	16.5	M16	13				Y	Y	Y	Y	Y	Y
52	3.5	M3	16					Y	Y	Y	Y	Y
52	4.5	M4	16					Y	Y	Y	Y	Y
52	6.5	M6	16					Y	Y	Y	Y	Y
52	8.5	M8	16					Y	Y	Y	Y	Y
52	10.5	M10	16					Y	Y	Y	Y	Y
52	12.5	M12	16					Y	Y	Y	Y	Y
52	14.5	M14	16					Y	Y	Y	Y	Y
52	16.5	M16	16					Y	Y	Y	Y	Y
52	18.5	M18	16					Y	Y	Y	Y	Y
78	3.5	M3	26								Y	Y
78	4.5	M4	26								Y	Y
78	6.5	M6	26								Y	Y
78	8.5	M8	26								Y	Y
78	10.5	M10	26								Y	Y
78	12.5	M12	26								Y	Y
78	14.5	M14	26								Y	Y
78	16.5	M16	26								Y	Y
78	18.5	M18	26								Y	Y
78	20.5	M20	26								Y	Y
78	22.5	M22	26								Y	Y
78	24.5	M24	26								Y	Y
78	26.5	M26	26								Y	Y

Yes - available

SPECIFICATIONS

PARAMETER	VALUE	UNIT
Standard capacities (E _{max})	5-2000	KG
Rated output-R.O.	0.5-2.0	mV/V
Zero balance	1	±% of rated output
Non linearity	0.2	±% of rated output
Hysteresis	0.2	±% of rated output
Non-repeatability	0.1	±% of rated output
Creep error (30 minutes)	0.03	±% of rated output
Zero return (30 minutes)	0.03	±% 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	-20 to +60	°C
Operating temperature range	-30 to +80	°C
Safe overload	150	% of R.C
Ultimate overload	200	% of R.C
Excitation, recommended	10	Vdc
Excitation, maximum	15	Vdc
Input resistance	720±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.