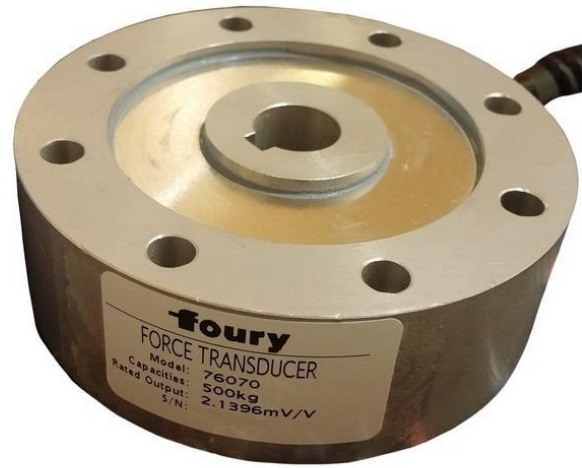


# MODEL 76070

Force Transducer, Compact size with low profile,  
Tensile/pulling force measurement



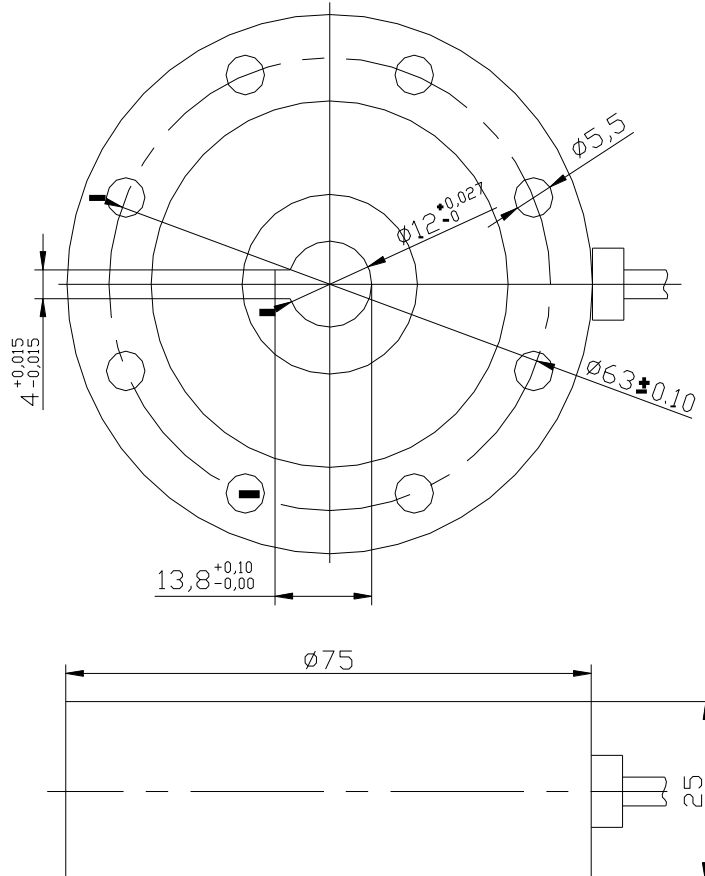
## FEATURES

- Capacities: 100kg, 200kg, 300kg, 500kg
- Compact size with low profile
- Anodized aluminum
- Off center load compensated

## APPLICATIONS

- Universal material tester
- tester Machine
- Tensile/pulling force measurement

## DIMENSIONS mm

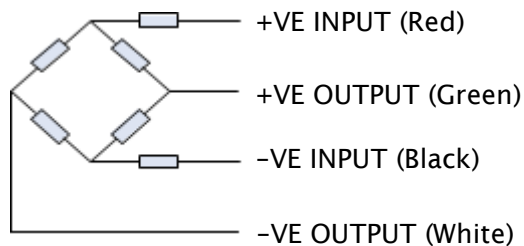


# SPECIFICATIONS

PARAMETER	VALUE	UNIT
Rated capacity—R.C. (E <sub>max</sub> )	100, 200, 300, 500	kg
Rated output—R.O.	2.0	mV/V
Zero balance	1	±% of rated output
Hysteresis	0.10	±% of rated output
Non-linearity	0.10	±% of rated output
Non-repeatability	0.05	±% of rated output
Creep error (20 minutes)	0.05	±% of rated output
Zero return (20 minutes)	0.05	±% of rated output
Temp. Effect/10°C on Span	0.015	±% of applied load/°C
Temp. Effect/10°C on Zero	0.026	±% of rated output/°C
Temperature range, compensated	-10 to +40	°C
Temperature range, safe	-20 to +60	°C
Maximum safe central overload	150	% of R.C.
Ultimate central overload	300	% of R.C.
Excitation, recommended	10	VDC or VAC RMS
Excitation, maximum	15	VDC or VAC RMS
Input impedance	350±15 *	Ω
Output impedance	350±15 *	Ω
Insulation resistance	>5000	MΩ
Deflection at Rated Load	<0.5	mm
Cable length	4	m
Construction	Anodized aluminum	

\* 100kg, 200kg 1050±20Ω

## WIRING SCHEMATIC DIAGRAM



PROCESS WEIGHING CONTROL SOLUTIONS

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