

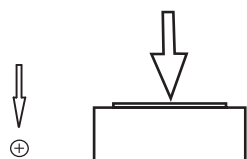
F6804



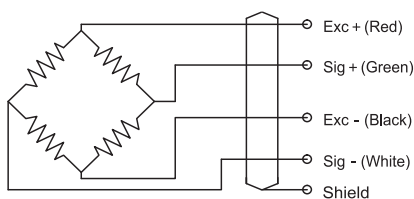
Features & Applications

- Washer type load cell made of stainless steel
- Low deflection
- Customizable, IP65
- Suitable for tension measurement of screw bolts and rod pieces, extrusion force test, assemble pressure test and other pressure test

Load Direction

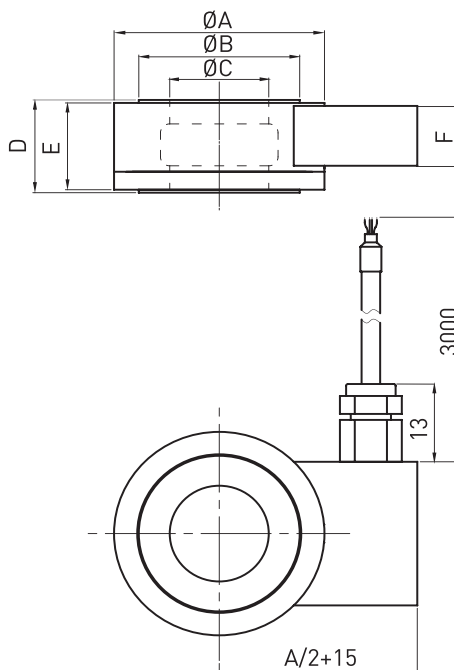


Schematic Wiring Diagram



Note: Cable shield is not connected to element.

Size and Capacity



SIZE(mm) CAP (t)	A	B	C	D	E	F	Material	Weight
0.3/0.5/1/2	34	24	16	15	14	10	Stainless steel	0.1kg
5/10/15/20	69	54	32	50	49	30		1.1kg
10/20/30/45	95	78	50	50	49	30		1.9kg

Technical Parameters

Specifications	Technique
Rated output	1.0±10% mV/V
Zero balance	± 2% F.S.
Non-linearity	2% F.S.
Hysteresis	2% F.S.
Repeatability	0.5% F.S.
Creep (30min)	0.5% F.S.
Temp. effect on output	0.05% F.S. / 10°C
Temp. effect on zero	0.05% F.S. / 10°C
Input impedance	385 ±30Ω
Output impedance	350 ±5Ω
Insulation	≥5000MΩ / 100VDC
Recommended excitation	5V
Maximum excitation	10V
Compensated temp. range	-10 ~ 60°C
Operation temp. range	-20 ~ 80°C
Safe overload	150% F.S.
Ultimate overload	200% F.S.
Cable size	Ø3 × 3000 mm
Protection class	IP65
Cable color code	Input: Red(+) Black(-); Output: Green(+) White(-);