FEATURES

- · Compression Washer type load cells specially designed for Preload force Measurement of bolts.
- Very low profile for high-capacity Force Sensor.
- Variable Cable length available on request.
- Operating temperature: -10°C~+200°C
- Specially designed Strain gauges with Ni-Cr alloy foil for the Grid and Polyimide resin for the gauge packaging.
- 4 core shield Fluorinated ethylene propylene cables for high temperature and harsh environment

17-4 Stainless Steel Construction



TECHNICAL SPECIFICATION

Model	FW - HT
Measuring ranges	300 kN
Non-linearity	< ± 1.5% FS.
Sensitivity	2 mV/V, typical.
Hysteresis	< ± 1.5% FS.
Repeatability	< ± 1 % FS.
Zero balance - offset	< ± 5.0% FS.
Safe Overload	150% over FS.
Creep	< ± 0.1 % FS.
Ultimate load limit	2 times FS
Bridge Resistance	350 Ohms
Excitation Voltage	10V Max
Material	Stainless Steel 17.4 PH
IP Rating	IP66
Cable	4core Shield 20Mtr length

CABLE FEATURES

Fluorinated ethylene propylene cables for harsh applications

- Fine-wire, silver-plated copper conductor
- PTFE-based core insulation
- Cores twisted together
- Tinned-copper braiding
- Outer sheath: FEP-based, white

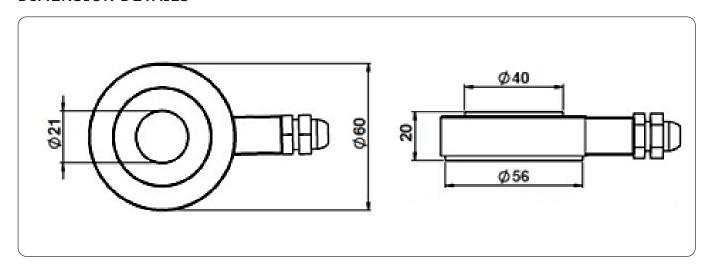
Minimum bending radius

Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter

Temperature range

Fixed installation: -40°C ~ +200°C

DIMENSION DETAILS





Specifications are subject to change without Prior notice