

DMi Model: XTF 375

## FLANGE MOUNT TORQUE TRANSDUCER

### PERFORMANCE SPECIFICATIONS

(FSO is Full Scale Output)

TORQUE RANGES: 25 in-oz to 300 in-lb

EXCITATION: 10 VDC, 15 VDC Max

OUTPUT: 2 mV/V Nominal

BRIDGE RESISTANCE: 350 ohms

LINEARITY: }  
HYSTERESIS: } ±0.20% FSO, Combined  
REPEATABILITY: }  
ZERO BALANCE: ±2.0% FSO

OPERATING TEMP RANGE: -65 to +225 °F (-54 to +107 °C)  
COMPENSATED TEMP

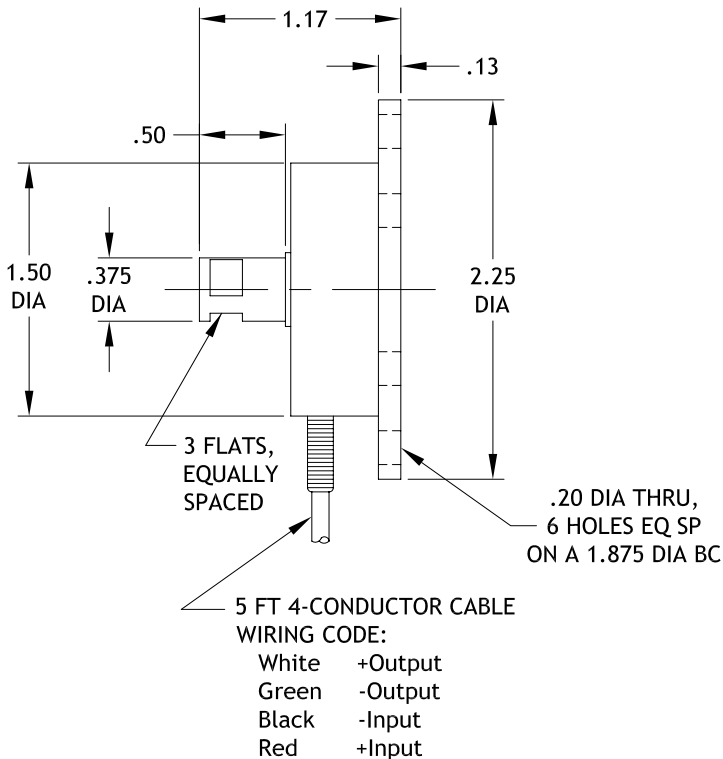
RANGE: +60 to +160 °F (+15 to +71 °C)

THERMAL EFFECTS:  
on Zero ±0.005% FSO/ °F  
on Span ±0.005% Reading/ °F

SAFE OVERLOAD: 150% of Capacity

ULTIMATE OVERLOAD: 300% of Capacity

CASING MATERIAL: Stainless Steel



PART NUMBER	CAPACITY
XTF375-025Z	25 in-oz
XTF375-030Z	30 in-oz
XTF375-100Z	100 in-oz
XTF375-120Z	120 in-oz
XTF375-150Z	150 in-oz
XTF375-200Z	200 in-oz
XTF375-0025	25 in-lb
XTF375-0050	50 in-lb
XTF375-0100	100 in-lb
XTF375-0150	150 in-lb
XTF375-0250	250 in-lb
XTF375-0300	300 in-lb

All dimensions are inches, unless otherwise noted.