

# LTW1000-1 TANK WEIGHING ASSEMBLY

The model LTW1000-1 weigh module is designed for wash down environments, food and chemical process applications. This stainless steel, hermetically sealed load cell is offered in capacity ranges from 10kg up to 500kg. It's used in small hopper, bin and tank weighing systems and other similar systems.

- CAPACITIES FROM 10KG TO 500KG
- STAINLESS STEEL CONSTRUCTION
- ENVIRONMENTAL PROTECTION IP69 WITH COMPLETE HERMETIC SEALING

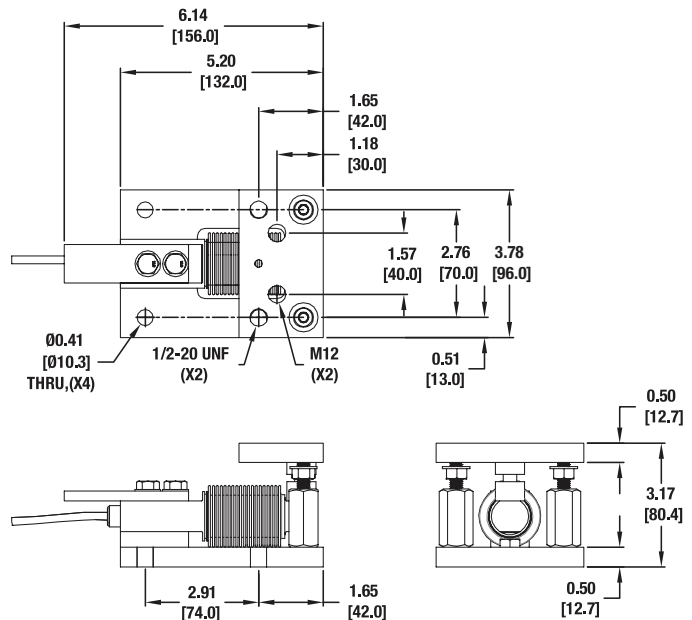
## SPECIFICATIONS

ACCURACY CLASS:	C3
CAPACITIES:	10/20/50/100/200/250/500 kg
FULL SCALE OUTPUT (FS)	2.0 ±0.1% mV/V
CALIBRATION:	≤±0.005% mV/V/Ω
COMBINED ERROR:	≤±0.02% FS
NON-LINEARITY:	≤±0.0166% FS
HYSTERESIS:	≤±0.0166% FS
CREEP @ 30 MIN:	≤±0.0166% FS
ZERO BALANCE:	≤±5 %FS
TEMPERATURE EFFECT:	
OUTPUT:	10°C ≤ ±0.01% FS
ZERO:	10°C ≤ ±0.014% FS
TEMPERATURE RANGE:	
COMPENSATED:	-10...+40 °C
OPERATING:	-40...+80 °C
TERMINAL RESISTANCE:	
INPUT RESISTANCE:	380 ±10 Ω
OUTPUT RESISTANCE:	350 ±3 Ω
EXCITATION VOLTAGE	5...15 VDC
INSULATION RESISTANCE	
@50 VDC:	≥5000 MΩ
SAFE OVERLOAD LIMIT:	200% FS
ULTIMATE LOAD:	300% FS
SAFE SIDE LOAD:	100% FS
CABLE LENGTH:	m3
SEAL TYPE:	IP69
ELEMENT MATERIAL:	Stainless steel
BOLT TORQUE:	25 Nm

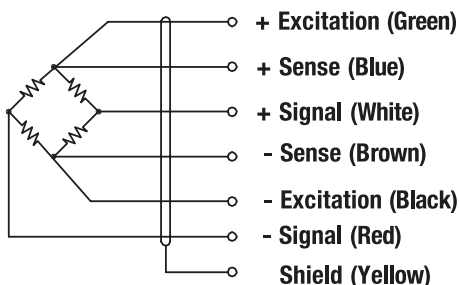
DFI 320IS



Dimensions



Wiring



Cable : 26 AWG, 6 Conductor with Shield.