



iAmp2™ vs TI18C Tension Amplifiers

The iAmp2 inline tension transducer amplifier is similar to the TI18C TrueTension™ Amplifier in its basic functionality, superior stability characteristics and with its 24 VDC operation.

Feature	TI18C 	iAmp2 
24 VDC operation	✓	✓
0-to-10 V output, isolated	✓	✓
4-to-20 mA output option	✓	
0-to-1 mA meter output, isolated	✓	✓
CE-marked (to EN 61010-1:2001)	✓	✓
<i>Quik-Cal™</i> Push-button Zero and Calibrate	✓	✓
50:1 Calibration Range	✓	✓
Allows 10% or 25% Calibration Weight	✓	10% Calibration weight only
Meter damping adjustment	✓	
Dual Calibration	✓	
Auto Zero option	✓	
Extended Range option	✓	
Tension Limit Switch (TLS) option	✓	
IP 65 rating option		✓
Typical mounting style	Vertical bracket in cabinet or on DIN rail	On transducer cable hidden in tray, on DIN rail or anywhere w/ hook and loop tape.
When recommended	For the OEM or end user who has cabinet space and/ or requires features not offered in the iAmp2.	A quick, flexible, low-cost, space-saving solution that cuts wiring, drilling and mounting time. When extra features are not required.