

FEATURES

- 6 digit 0.80" red sun readable display.
- Field upgradable with plug-in option cards.
- 10 VDC output power supply.
- Easy menu-drive programming.
- 2 set point alarms (with plug-in card).
- AC 110/220 input power.
- Programmable signal response time.
- Serial communication RS-232 (with plug-in card).
- Maximum (MIP) and minimum display function.

APPLICATIONS

- Process indication.
- On/Off pump controls.
- Compressor control.
- Safety or shutdown alarms.
- Local indication with signal retransmission to computer control system.

DESCRIPTION

Intk Tekmeter Digital Indicator embodies many features and performance capabilities to suit a wide range of indication and control requirements.

It can accept current standard process signals and precisely scale them into any desired unit of measurement.

The indicator employs advanced technology for stable, drift free readout, while incorporating features that provide flexibility now and in the future with plug-in option cards.

A full complement of options include relays and serial communication. Intk calibrates all of its indicators to your transducer requirements at no additional cost.

Simply tell us how you want it set up, plug it and you're ready to go.



	SPECIFICATIONS
Input signals	4-20 mA
Process display	6 Digit 0.80" red sun readable display
Keypad	4 function keys. Membrane keypad
Power requirement	85 to 250 VAC, 50/60 Hz
Internal power supply	Display DC 10V±%, Max. 120 mA
Electrical connection	Terminal blocks in rear
Memory	Will hold set up data for 1 year without power
Accuracy	±0.05% of reading
Update rate	Up to 50 times per second
Environmental conditions	Store temperature: -25°C ~ +65°C
	Working temperature: 0°C ~ +50°C
	Ambient moisture: 35-85% RH
Environmental protection	IP65
Dual relay option card	Contact rating: 250 Vac 3A resistance load
	Contact life expectancy: 100 K cycles
Communication option cards	RS232C

✓ ORDERING INFORMATION

SERIES	Tekmeter
INPUT SIGNAL	1 4 mA to 20 mA
POWER REQUIREMENTS	1 115/230 VAC
OPTION CARDS	1 Dual relay option card 2 RS 232-C serial communications option card 3 No option card
EXAMPLE	<ul style="list-style-type: none"> • SeriesITM100 • Input signal1 • Power requirements1 • Option cards2 <p style="text-align: right; margin-left: 150px;">} ITM100-1-1-2</p>

✂ OUTLINE DIMENSIONS

ITM 100



1 | 6.29" (160 mm)
2 | 3.14" (80 mm)



1 | 7.44" (189 mm)
2 | 3.14" (80 mm)

*** SPECIAL REQUEST**

Please contact factory for special dial artwork and ranges.