

DIGITIZERS,

101-I0421-xx

MatCivTest

MATERIAL CIVIL TEST EQUIPMENT

DIGITISERS

Digitiser including housing and power supply kit to House the selected Load Cell Digitiser complete with all hardware.



Features

- ⇒ Robust Extruded aluminium case
- ⇒ Connections on rear all screw in Din connections
 - 3 Pin Power supply
 - 6 Pin transducer input
 - 4 Pin Output (Optional)
- ⇒ Power Supply 24 V Plug pack (Also step up 12v to 24v supply from Cigarette lighter available for on site use.)
- ⇒ Auto Zero on start-up (Program selectable)
- ⇒ Hold point capture
 - Peak hold
 - Valley hold
 - Peak-valley hold
 - Sampling value hold
 - Peak hold mode: Hold the peak value when Measured value > Zero zone
 - Valley hold mode: Hold the valley value when measured value < -Zero zone
- ⇒ Alarm Set points

Ordering Example

Model	Description
101-I0421-10	Digitiser Kit RS232
101-I0421-20	Digitiser Kit RS485
101-I0421-30	Digitiser Kit RS232 Analogue Output
101-I0421-40	Digitiser Kit RS485 Analogue Output
Consult us for other options	

MAIN PARAMETERS



ADC	24 bit Sigma-Delta
Dimensions	105*57*91.5(mm)
Display	6 digit LED
Power supply	24V DC±5%
Power consumption	10W
Excitation for load cell	5V DC 200mA(Max)
Load cell connection	4-wire or 6-wire
Input range	-10mV...+10mV
Display range	-99999...999999
Non-linearity	<0.01% F.S.
Input sensitivity	1μV/d
Conversion rate	120/480/960Hz(Settable)
Gain drifting	<10PPM/°C
Working temp.	-10...40°C
Relative humidity	<90% R.H (Without dew)
I/O	1 input
	2 outputs
Serial communication	RS485 or RS232
Analog output	-5-5V,-10-10V,0-5V,0-10V,4-20mA,0-20mA,Self-define
Other functions	Auto zero tracking
	Peak holding
Housing	Aluminium
Net weight	About 320g

ORDERING CODE

Part no.	I/O	Communication		Analog Output
		RS485	RS232	-5-5V/-10-10V/0-5V/0-10V/0-20mA/0-24mA/4-20mA
101-I0421-10	X		X	
101-I0421-20	X	X		
101-I0421-30	X		X	X
101-I0421-40	X	X		X

Note: Analog Output is settable