

Digital In

The Unimeter Digital Input converts 8 Opto isolated voltages into a logic (On/Off) signal. The resultant value can be received by a Unimeter, a Digital Out unit, or a PC using UniTools or Uni-Link.

This unit is an easy way to sense the presence of 240 Vac voltages (eg: Pump “On/Off”), and link them into Uni-Link Window SCADA as a ‘Light’ on the screen.

You can also use a Digital In / Digital Out pair to pass the indication from 8 channels over 1 pair of wires, to a remote location, operating the Output relays in the Digital Output unit. (uses dedicated RS485 – no PC communications available in this mode).

Supply:	230/110Vac, 50/60Hz, +/- 15%. 10-30Vdc (Optional supply)
Input:	8 x 90-260Vac/dc Opto Isolated (7,500V). Other voltages available on request.
Display:	LCD - 8 bars
Output:	Digital value - decodes to 1 x 8 Bit word
Update rate:	15 mS
Software Interface:	UniTools, Uni-Link
Communications:	RS485 2.4, 4.8, 9.6, 19.2, 38.4 kBaud
Protection:	Front Panel IP65 with optional membrane fitted.
Case:	Flame retardant ABS Plastic
Dimensions:	97x50x148mm, 1/8 DIN cutout 92x44 mm
Connections:	Screw terminals
Temperature range:	-10 to +50 Deg C
Humidity:	0-95% (non condensing)
EMC Accreditation:	CE mark (Europe), C-Tick (Australia)