

Multifunction Indicator

The IN-P is a **Multifunction Indicator** which not only interfaces smoothly with a wide range of PLC and monitoring systems, but also as a stand alone unit for single and multi input Indication - Alarm - Control.

Features:

- ◆ Simple setup and calibration.
- ◆ On Screen Step by Step Instructions.
- ◆ 5 Buttons for easy Operator Interface.
- ◆ Option to add up to 6 Relay Outputs.
- ◆ Analogue Output Retransmission option.
- ◆ Serial RS485/RS232 port option with Modbus RTU.
Ethernet port option with Modbus TCP.
- ◆ Wide Range of Power Supply options from 10V to 265V.
- ◆ Multiple functions available for customising to your application.



IN-P

www.intech.co.nz/in-p

MODEL	DESCRIPTION	PRICE
IN-P	Multifunction Indicator. 6 Digit LED Display. 6 Set Points. Standard Power Supply: 85~265Vac / 95~370Vdc.	
PRC1	1x 4~20mA / 0~10V input + 24Vdc excitation	\$420.00
PRC4	4x 4~20mA input + 24Vdc excitation.	\$668.00
TC1	1x Thermocouple input: Types B, J, K, N, R, S, T.	\$420.00
TC4	4x Thermocouple input: Types B, J, K, N, R, S, T.	\$668.00
RTD1	1x RTD Pt100 input.	\$420.00
RTD4	4x RTD Pt100 input.	\$668.00
OPTIONS		
R2	2x 5A Relay Outputs.	\$78.00
R4	4x 5A Relay Outputs.	\$105.00
R6	6x 5A Relay Outputs.	\$155.00
A	Analogue Output Retransmission: 4~20mA and 0~10V.	\$95.00
WS232	Serial Port RS232: Includes Modbus RTU.	\$116.00
WS485	Serial Port RS485: Includes Modbus RTU.	\$116.00
WEM/WEA	Ethernet Port: Ascii or Modbus TCP.	\$281.00
LV	Low Voltage Power Supply: 15~48Vac / 10~72Vdc.	\$64.00
FUNCTIONS (Available on request)		
A	Auto or manual scanner with alarms.	POA
B	Maths functions, (i) $\sqrt{\quad}$, (ii) Difference, (iii) Average, (iv) Hi / Lo Select.	POA
C*	Hold, Tare, Reset (External switches connect to rear terminals).	POA
D*	Flow Rate + Totalising.	POA
E*	Energy display & totaliser (flow x ΔT).	POA
F	Step controller.	POA
G*	Auto / Manual Station.	POA
H	Retransmission.	POA
I	Other Functions – please specify.	POA
J	Data Logging.	POA

* Available on channel one only.

Common Features:

- ◆ Simple setup and calibration.
- ◆ On Screen Step by Step Instructions.
- ◆ 5 Buttons for easy Operator Interface.
- ◆ Option to add up to 4 Relay Outputs.
- ◆ Analogue Output Retransmission option.
- ◆ Serial RS485/RS232 port option with Modbus RTU (excluding IN-R).
- ◆ Wide Range of Power Supply options from 10V to 265V.



IN-R

www.intech.co.nz/in-r



IN-RT

www.intech.co.nz/in-rt



IN-RTB

www.intech.co.nz/in-rtb

MODEL	DESCRIPTION	PRICE
IN-R	Large Display Tachometer Indicator. 4 Digit Large LED Display. Microprocessor Based for Wide Range Calibration. Inputs: 0~30V, magnetic pickup, NPN, PNP, TTL, Namur. 4 Set Points with delay. 4 LED's for Alarm indication. Standard Power Supply: 85~265Vac / 95~370Vdc.	\$336.00
IN-RT	Flow Rate Indicator with Totaliser. 6 Digit LED Display. Inputs: 0~30V, magnetic pickup, NPN, PNP, TTL, Namur. 4 Set Points with delay. Standard Power Supply: 85~265Vac / 95~370Vdc.	\$425.00
IN-RTB	Flow Rate and Batching Controller. Dual 6 Digit LED Displays. View Flow Rate & total simultaneously. Inputs: 0~30V, magnetic pickup, NPN, PNP, TTL, Namur. 5 Set Points annunciator LED's. Standard Power Supply: 85~265Vac / 95~370Vdc.	\$530.00
OPTIONS		
R2	2x 5A Relay Outputs.	\$78.00
R4	4x 5A Relay Outputs.	\$105.00
A	Analogue Output Retransmission: 4~20mA and 0~10V.	\$95.00
WS232	Serial Port RS232: Includes Modbus RTU. Note: Not available for the IN-R .	\$116.00
WS485	Serial Port RS485: Includes Modbus RTU. Note: Not available for the IN-R .	\$116.00
LV	Low Voltage Power Supply: 15~48Vac / 10~72Vdc.	\$64.00

LPI-LCD-5

Panel Mount Indicator. Loop powered.

MODEL	DESCRIPTION	PRICE
LPI-LCD-5	Panel mount. Loop powered. Input: 4~20mA, 2 wire. Display: 5-digit LCD of 12.5mm height. Volts Drop: 3.9V @ 20mA. Scaling: Programmable between -19999 to 30000. Max Resolution: 50,000 counts. Accuracy: +/-0.02% of reading plus 2 digits. Decimal Point: Programmable to six positions. Temperature: -10°C to +50°C. Protection: IP65. Housing: Plastic. 96 x 48mm.	\$348.00
Cover	Option: Splash proof lockable security cover: IP65.	\$72.00



www.intech.co.nz/lpi-lcd

SD16A - Digital Indicator.

- ◆ Microprocessor based. 4 digit display.
- ◆ Inputs: Thermocouple, RTD, Current, Voltage.
- ◆ Display accuracy of $\pm(0.3\% \text{ FS} + 1 \text{ digit})$.
- ◆ Analogue output.

- ◆ Two alarm relay outputs SPST.
- ◆ Comms: RS232C, RS485 Modbus/Shimaden.
- ◆ IP66 front panel.
- ◆ LED display with 20mm high digits.
- ◆ Optional power supply of 24Vac/dc.

MODEL	SIZE	BASE PRICE	OPTIONS	ADD PRICE
SD16A	96 x 48	\$279.00	Alarms	\$60.00
			Retransmission (with Alarms) OR Sensor Supply 24Vdc 25mA	\$160.00
			Retransmission (without Alarms) OR Sensor Supply 24Vdc 25mA	\$100.00
			24Vac/dc power supply	\$50.00
			Comms RS232, RS485 Modbus/Shimaden	\$120.00

Notes:

Specify 4~20mA when ordering.
Can have either Retransmission
OR Sensor supply (not both).



www.intech.co.nz/sd16a

NEW SD24 - High Accuracy Digital Indicator.

- ◆ Microprocessor based. 5 digit display.
- ◆ Inputs: Thermocouple, RTD, Current, Voltage.
- ◆ High display accuracy of $\pm(0.1\% \text{ FS} + 1 \text{ digit})$.
- ◆ 3 Display modes: Peak hold, Bottom hold, Display hold.
- ◆ External control input (2 points) standard.

- ◆ 2 or 4 Relays for events.
- ◆ Comms: RS232C, RS485 Modbus/Shimaden.
- ◆ IP66 front panel.
- ◆ LED display with 14.3mm high digits.
- ◆ Optional power supply of 24Vac/dc.

MODEL	SIZE	BASE PRICE	OPTIONS	ADD PRICE
SD24	96 x 48	\$430.00	Alarms x2	\$60.00
			Alarms x4	\$90.00
			Retransmission	\$100.00
			24Vac/dc power supply	\$50.00
			Comms RS232, RS485 Modbus/Shimaden	\$120.00

Note:

Can have either Retransmission
OR Comms (not both).



www.intech.co.nz/sd24

KR16 - Selector switch.

- ◆ Six way selector.
- ◆ Two pole push button switches.
- ◆ Panel mount.
- ◆ Ideal for use with the SD16A or SD24 digital indicators.

MODEL	SIZE	PRICE
KR16	96 x 48	\$400.00



www.intech.co.nz/kr16

Digital displays



M Series

Digital displays.



MODEL	DESCRIPTION	PRICE
ME	Digital process meter. Digits: 3¼ digit, LED. Power supply: 30~250Vac/dc. Range: 0 to 3999 counts. Input: 4~20mA. Others by request.	\$190.00
ME4	Digital process meter. Digits: 4½ digit, LED. Power supply: 90~260Vac. Range: 0 to 19999 counts. Input: 4~20mA. Others by request.	\$245.00
MDF	Programmable digital process meter. Digits: 4½ digit LED. Power supply: 90~260Vac. Programming: By dip switches. Range: 0 to ±19999 counts. Input: Voltage: -10 ~ +10 mVdc. max span: -400 ~ +400 Vdc. Current: min span: -1 ~ +1 mAdc. max span: -200 ~ +200 mAdc.	\$500.00
MRF	Programmable digital Rate/Hz/RPM meter. Digits: 4 digit LED. Power supply: 90~260Vac. Programming: By dip switches. Range: 0 to 9999 counts. Sensor supply: 12 or 24Vdc, selectable. Input: Waveform/Pulse: 0~100 Hz to 0~20 kHz. Sensitivity: 10mV to 100V. Discrimination: 10mV to 5V, adjustable. Range multiplier: x1, x10, x100. Rate multiplier: x0.1, x0.01, x0.001, x0.0001.	\$415.00
OPTION		Add price
	DC power supply.	12V, 24V, 48V or 125Vdc. \$70.00