



传感器 | 控制仪表 | 推拉力计 | 扭力计

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PCM 显示仪表 ADP15



产品型号:

ADP15

对过程的输入 *adp15* 数字仪表指示面板

模型: *adp15*

主要特点:

所有标准工业传感器的输入类型。

全部校准和编程通过键盘或通讯进口。

模拟输出到所有行业标准。

数据表: 对过程的输入 *adp15* 数字仪表指示面板

手册: *adp15* 手册

所有的 *adp15* 显示数据可以通过随着中继通信端口访问, *PID* 功率和 *EEPROM* 的地位。

所有的 *adp15* 用户配置数据可以更改包括 *EEPROM* 启用/禁用和继电器复位(*adp15* 地址码不能更改)。

如需更详细的产品规格和完整的配件清单，请下载产品数据表。

Typical Specification

INPUT TYPE	INPUT RANGES AVAILABLE
DC Voltage	$\pm 20\text{mV}$, $\pm 200\text{mV}$, $\pm 2\text{V}$, $\pm 20\text{V}$, $\pm 200\text{V}$.
DC Current	$\pm 2\text{mA}$, $4\text{--}20\text{mA}$, $\pm 20\text{mA}$, $\pm 200\text{mA}$.
AC Voltage	$0\text{--}200\text{mV}$, $0\text{--}2\text{V}$, $0\text{--}20\text{V}$, $0\text{--}200\text{V}$.
AC Current	$0\text{--}1\text{A}$.
Temperature	Platinum PT100, Thermocouples K, J, R, S, T, B, N, E.
Strain Gauge	Resistive bridge settable ± 0.5 to $\pm 200\text{mV/V}$. Excitation 10V DC .
Potentiometer	Any value in the range 100R to 10K .
LVDT	AC excitation with signal selectable 20mV to 10V full range.
Pulse	Speed, rate or total, 30 to $200,000\text{rpm}$, 0.3μ seconds to 200 seconds.
Angle	Quadrature shaft encoder.
Dual DC	2 inputs of $4\text{--}20\text{mA}$ or $0\text{--}10\text{V}$ allowing AxB, A-B, A+B, A/B, B=set point.
OUTPUT TYPE	DC ANALOGUE OUTPUTS AVAILABLE
DC Voltage	0 to 1V , 0 to 5V , 1 to 5V , 0 to 10V , -10 to $+10\text{V}$, Max Current out 50mA .
DC Current	0 to 1mA , 0 to 20mA , 4 to 20mA , 10 to 50mA , 0 to 5mA , Max Voltage out 20mA .
Accuracy	Typical $\pm 0.08\%$ of output, $\pm 0.08\%\text{FSD}$.
Resolution	As display resolution, max 15 bits.
Calibration	By 15-turn pre-sets for gain and offset.
Inversion	By keypad value.
Isolation	$\pm 130\text{V RMS}$ or DC max to analogue input or to any other port.
Ranging	Fully keypad scalable over desired display range.
PID	Power level, when selected = 12 bit resolution output.
OUTPUT TYPE	COMMUNICATIONS OUTPUTS AVAILABLE
RS232	For printer or direct connection to 1 device, 3 wire.
RS485/RS422	For up to 32 instruments on 1 bus, 4 wire.
BAUD RATES	300 , 600 , 1200 , 2400 , 4800 , 9600 (19200 - MANTRABUS ONLY).
ELECTRICAL ISOLATION	$\pm 130\text{V RMS}$ or DC max to analogue input or any other port.
FORMATS	MANTRABUS and printer output formats.

OUTPUT TYPE	ALARM/CONTROL OUTPUTS AVAILABLE
SPCO	1 relay on SP1, 2 relays on SP1 & 2, 1 relay on SP2.
DPCO	1 relay on SP1, 1 relay on SP2.
Relays	230V at 5A AC resistive.
Isolation	±130V RMS.
Keypad Options	Programmable Hysteresis, latching, output inversion, delay times, PID values and time proportioning. A 16 relay option can be supplied on external DIN rail modules (10A SPCO). Available for DC, AC, temperature, strain gauge and potentiometer inputs.
POWER SUPPLIES	220V-230V AC 50-60Hz 10W, 11V-120V AC 50/60Hz 10W, 9-32V DC 10W isolated.

Standard Controls

- 4 membrane panel keys with tactile feedback.
- 1 scroll key to view/update parameter.
- 1 digit select key.
- 1 digit increment key.
- 1 reset key.
- Keypad disable by internal links behind front panel.
- Hold function by digit select key when in input mode.

Data Retention/Protection

RETENTION	10 years for set up values, minimum of 100,000 write cycles.
PROTECTION OF DATA & FUNCTION	Watchdog timer giving repeat auto reset. Impending power detection and hold off. Keypad security and time out.

CE & Environmental

STORAGE TEMPERATURE	-20 to +70°C.
OPERATING TEMPERATURE	-10 to 50°C.
RELATIVE HUMIDITY	95% maximum non-condensing.
EUROPEAN EMC DIRECTIVE	2004/108/EC.
LOW VOLTAGE DIRECTIVE	2006/95/EC.

Outline Dimensions (in millimetres)

CASE MATERIAL	Grey Noryl (FLAME RETARDANT).
WEIGHT	750 grams.
TERMINALS	2.5mm, saddle field terminals.
ACCESSIBILITY	All electronics are removable through the front panel leaving field wiring and case in situ.

