

Four digit indicator for analogue current/voltage signals



eLINE PPD can be combined with...



Type 8025

Flow transmitter
(remote)



Type 8176

Ultrasonic level
transmitter



Type 5281

Solenoid valve



Type 8802

Modulating valve

- Inbuilt 24Vdc sensor supply
- Optional alarms and current/voltage output
- Bright four digit LED display in engineering units
- 1/8 DIN standard front with IP65 rating
- Fully isolated

The eLINE PPD is a panel mount, four digit indicator for current or voltage signals. It shows the input measurement in any chosen engineering unit using bright, 14mm high, LED digits.

For more complex applications, versions are also available with four alarm channels (each with it's own status indicator and relay changeover contact output) and a fully isolated analogue current/voltage output.

With handy features like maximum/minimum recall, siren/group alarm function and easy front-panel set-up of everything from dead-band to display units, these displays are the perfect solution for your process indication and monitoring requirements.

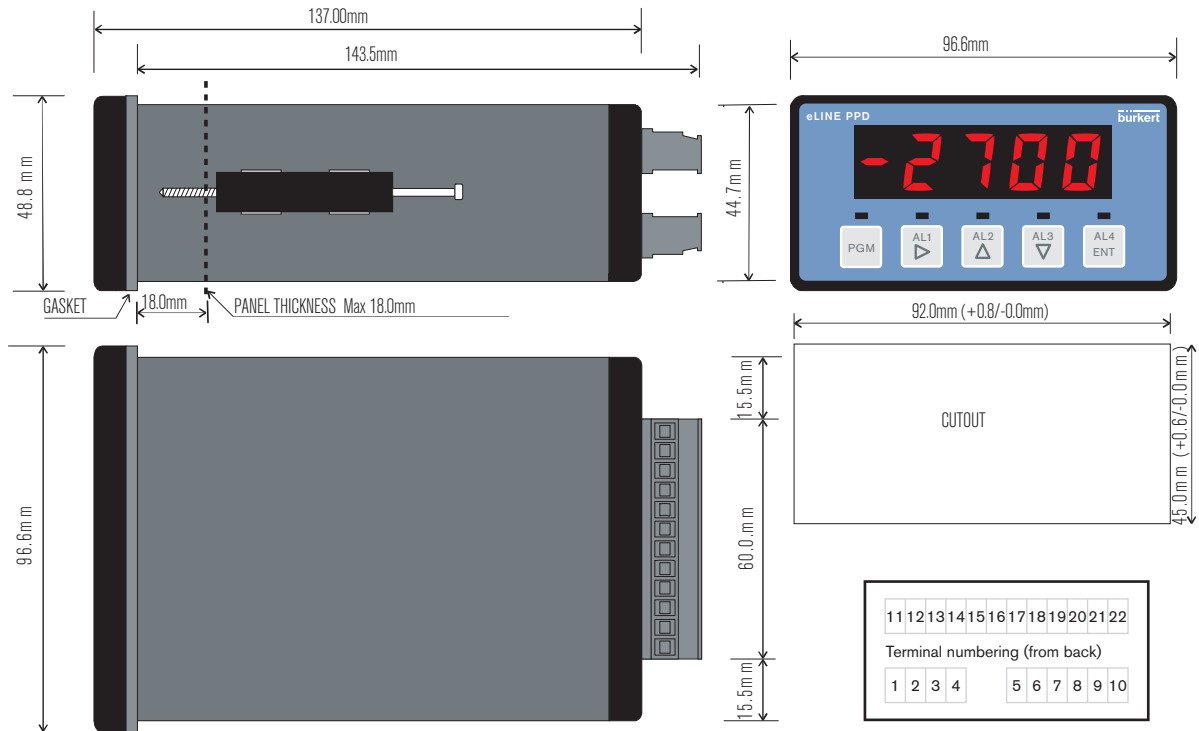
Advances in technology mean that either ceramic can use any common AC or DC power supply voltage without modification.

The housing has a washable (IP65 rated) fascia with standard (1/8 DIN) dimensions that will look at home on any panel and plug-in, screw type, terminals for ease of installation.

Technical data

Power Supply Low voltage terminals High Voltage terminals Power usage	Universal AC/DC voltage 18–50Vdc or 18–35Vac 90–275Vac / 90–300Vdc 11–17VA / 7–8W
Display Scaling Display range Decimal point setting Status Indicators	Full 4 digit, red 14.2 mm LED To display in % or engineering units -9999 to 9999 9000, 9000, 9000 Alarm ch 1–4 and key status
Inputs Resolution Input Impedance Filtering	Any range inside the limits $\pm 22\text{mA}$ or $\pm 11\text{V}$ 4 $\mu\text{A}/2\text{mV}$ 25 Ω (current inputs) or 1.5M Ω (voltage inputs) Digital filter (programmable)
Input Transducer Supply Output Voltage	For loop powered input devices 24Vdc $\pm 1.5\text{Vdc}$ (to 25mA)
Environmental Conditions Operating temperature Storage temperature Pollution Degree Relative humidity	0 to 60°C –25 to +70°C 2 10–90% (non-condensing)
Isolation Ports Measurement Category Impulse Withstand Isolation	Input / Power Supply / Relay One / Relay Two / Relay Three / Relay Four / Analogue Output / Case III 4kV (1.2 / 50) 2 kV (between ports)
Performance Accuracy Response time Temp drift Long term drift	Typically $\pm 0.1\%$ of span 300 msec for 10–90% output change < 0.02% span/°C 0.1% per 10,000 hours
Housing Dimensions	Double Insulated, Panel mount Enclosure See mechanical drawing

Dimensions [mm]



Technical Data

Current/voltage outputs

Output Type	Lower limit	Upper limit	Drive	Min Span	Resolution	Set-up
Milliamp	0.00mA	22.00mA	1kΩ @ 20mA	4mA	3.5µA per bit	Jumper Select
Voltage	0.00V	11.00V	500kΩ @ 10V	2V	1.76mV per bit	

Alarm Outputs

i Default Input/Output/Display is 4-20mA/4-20mA/0-100.0

Output Type	Rating	Suppression Capacitors
Mechanical Relay Contacts	3A at 240Vac (resistive) / 3A at 24Vdc (resistive)	Internal (fitted across contacts)

Connections

Connection Table

Terminal	Signal	
1	Neutral / -	High voltage power supply
2	Live / +	
3	Live / +	Low voltage power supply
4	Neutral / -	
5	+ 24Vdc / Security Link	Inputs
6	Security Link	
7	Voltage Input +	
8	Current Input +	
9	Input - / 0V	

Signal	Alarm Channel			
	One	Two	Three	Four
Normally Open	11	14	17	19
Common	12	15	18	20
Normally Closed	13	16	-	-

Terminal	Signal	
21	Output +	Current/Voltage output
22	Output -	

Ordering

Description	Model	Item No.
eLINE PPD	Basic Indicator	AU33505
eLINE PPD	Fully Configured	AU33506

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In case of special application conditions, please consult for advice.

We reserve the right to make technical changes without notice.

0801/X_AU-en_eLINE_PPD