

# PCM 显示仪表 ER2P & ER4P



产品型号:

ER2P & ER4P

er2p / er4p 方便读者大过程显示

模型: er2p & er4p

主要特点:

易于使用的 4 位显示与可选择的小数点位置。

显示尺寸, 57mm 到 102mm。

IP54、IP65 密封。

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一个简单和负担得起的方式看到和分享重要的测量距离可达 50 米。其简单而坚固的设计, 易于读者大显示器提供了长期的可靠性和智能外观。所有信号调理, 电源和显示电路都包含在外壳, 所以安装简单, 整洁。



传感器 | 控制仪表 | 推拉力计 | 扭力计

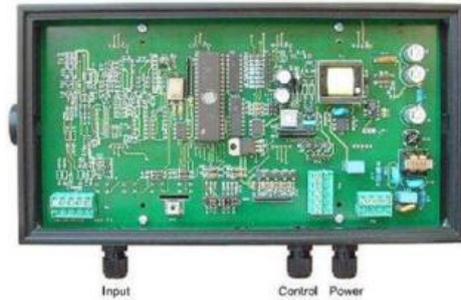
[www.sensortop.cn](http://www.sensortop.cn)

只要应用电源并连接输入信号，就能精确地显示过程变量。校准和调试方便，独特的菜单自由编程系统。

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。

**Specification**

ACCURACY	±0.1% of range ±1 count at 25°C.
POWER	95-265 VAC or 11-30VDC options.
POWER CONSUMPTION	8 Watts maximum.
OPERATING TEMPERATURE	0°C to +50°C non-condensing humidity.
STORAGE TEMPERATURE	-20°C to +70°C.
INPUT SIGNAL RANGES	±20mA (±10V).
OPERATING OVERLOAD	±22mA (±12V).
MAXIMUM OVERLOAD	±150mA (±100V).
INPUT RESISTANCE	>33Ω ±2% for current inputs. (1MΩ for voltage inputs).
ENVIRONMENTAL PROTECTION	IP65 standard. IP67 option.
SPAN TEMPERATURE COMP.	100ppm/°C maximum.
ZERO TEMPERATURE COMP.	50ppm/°C.
EXCITATION VOLTAGE	24VDC ±20% rated at 30mA. Noise 200mV maximum (50Hz-100kHz).
FILTERING	Selectable time constants up to 5 seconds in 0.5 second increments.
A/D CONVERSION	Dual slope -1999 to +9999 count maximum resolution.
BEZEL SIZE	<b>ER-2P:</b> 260mm (w) x 140mm (h) x 75mm (d). <b>ER-4P:</b> 415mm (w) x 195mm (h) x 75mm (d).
CASE MATERIAL	uPVC welded extrusion case with anti-reflective tinted acrylic window. Steel fittings.
CONNECTORS	Internal detachable screw terminal connectors.
DISPLAY	High efficiency LED in red as standard with green, amber or blue options. <b>ER-2P Height:</b> 57mm. <b>ER-4P Height:</b> 102mm. <b>Update Rate:</b> 2.5 readings per second.
VIEWING DISTANCE	<b>ER-2P:</b> 25m. <b>ER-4P:</b> 50m.
COUNT-BY (ROUNDUP)	1, 2, 5, 10, 20 or 50.
CMRR	100dB 0-60Hz. 250V max,



**A look inside the rear case of the 57mm version.  
Here you can see the neat and simple layout.**

Cables enter the enclosure through 3 glands at the bottom of the case. Detachable screw terminals make installation easy and fast. A back-plate seals the enclosure after you have finished your wiring.

### Ordering Codes

**Example Code:** ER-2P-2-AC-RED-N-IP54-0-0 for an ER-2P wall mounted, AC supply, standard red display, standard brightness, standard IP54 sealing and no other additional options.

Display Type & Size		Mounting Options	
Code	Description	Code	Description
ER-2P	57mm height.	1	Panel Mounting
ER-4P	102mm height.	2	Wall Mounting (Standard)
<b>Power</b>		3	Suspension Mounting
<b>Code</b>	<b>Description</b>	6	Top of Cubicle Mounting
AC	AC Supply (95-265V)	<b>Brightness</b>	
DC	DC Supply (11-30V)	<b>Code</b>	<b>Description</b>
<b>Display Colour</b>		N	Normal (Standard)
<b>Code</b>	<b>Description</b>	DLV	Daylight Viewing Brightness
RED	Red Display (Standard)	<b>Environmental Protection</b>	
GREEN	Green Display	<b>Code</b>	<b>Description</b>
AMBER	Amber Display	IP54	IP54 Sealing (Standard)
BLUE	Blue Display	IP65	IP65 Sealing
<b>Double Sided Display</b>		<b>Additional Options</b>	
<b>Code</b>	<b>Description</b>	<b>Code</b>	<b>Description</b>
0	Nil	0	Nil
DS2 (ER-2P Only)	Double Sided Display	CABLE	2m Pre-wired Input & Power Cable
DS4 (ER-4P Only)	Double Sided Display	EXT CABLE	Extra Cable (Cost Per Metre)
		TEXT	White Text
		UM	Units of Measure Display
		UPDATER	PC Software (Serial Data to Display)