

## PCM 显示仪表 SMW-HR

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产品型号:

SMW-HR

高分辨率 (HR weighing indicator SMW 工法及控制器

SMW 模型: -人力资源

的关键特征:

高分辨率显示器, counts 500000。

4 - 20mA 和 0~10V 的模拟输出。

6 空载电池的权力了。

高分辨率 (HR datasheet: SMW weighing 指标及控制器

人力资源手册: SMW 工法

高分辨率 (HR) SMW weighing indicator is a 柔性负载和控制器的数字显示系统的指标和电池安装在

bulkhead 单一或多重格式, optimised for applications weighing 和负载细胞。



传感器 | 控制仪表 | 推拉力计 | 扭力计

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

the of the SMW—HR 数字架构的一通 offers 容易和快速校准设置。本多功能控制器 offers indicator of 隔震模拟期权和输出，数字输出的中继 latching or for 控制或报警的功能。RS232 或 RS485 options for the 数字通信提供支持（包括安装）和 CAN printers 拉班或费用。

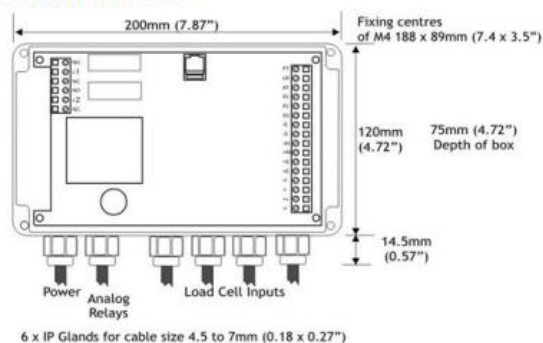
SMW 工法在 the -人力资源 incorporates 超分辨率（24 位）和 A 至 D 转换器 therefore offers 安内 部分辨率 counts of 500000。This is of 和 for 的性能和应用范围多尺度的 Live for the is where 量 甚小，在关系（to the 死做分子量）。

for a detailed for a 产品规范和完整列表可用 of the options，请下载 datasheet 产品手册或产品。面 板安装或 DIN 导轨 for a see the adw15 山 weighing 替代指标，无线遥测，or for a see the t24 版 本，我知道 serialdis 数字显示模块和远程 t24 茶叶产品目录。

### Typical Specification

STRAIN GAUGE INPUT	Strain gauge/load cell input with a transducer excitation voltage of 9.6V at 160mA.
COMPENSATION	± sense wires for cable and safety barrier losses, down to 3V excitation.
LOAD CELL SENSITIVITY	1.25, 2.5, 5, 7.5, 15 or 30mV/V.
INITIAL OFFSET	No greater than ±15mV (15µV/V) which is cancelled during auto-calibration.
ZERO TEMP. COEFFICIENT	0.0005% FSO/°C typical with 2.5mV/V sensitivity selected.
SPAN TEMP. COEFFICIENT	<0.0017% reading/°C.
EXCITATION	9.6VDC nominal, 150mA maximum.
REPEATABILITY	±0.002% reading over 90 days.
DISPLAY UPDATE RATE	Programmer keypad selectable between 0.1 and 25.5 seconds.
DISPLAY AVERAGE	Set by programmer keypad, up to 64 standard up rates.
MEASUREMENT RESOLUTION	1:500,000.
OUTPUT TYPE	4-20mA and 0-10V analogue.
OUTPUT DRIVE	4-20mA up to 1KΩ and 0-10V up to 2mA.
ACCURACY	4-20mA + 0.15% of range typical. 0-10V ±2% before calibration.
RESOLUTION	As for display, up to 13 bits/4.5 digits. Settling time 350mS to within 1% of step change.
ISOLATION	±130V RMS or DC max to analogue input or any other port.
POWER SUPPLIES	110V-120V AC, 220/230V AC, 50-60Hz 10Q or 9-32VDC 10W isolated.
DATA RETENTION	10 years for set up values, minimum of 100,000 write cycles.
PROTECTION OF DATA & FUNCTION	Watchdog timer giving repeat auto resets. Impending power detection and hold off. Keypad security and time out.
STORAGE TEMPERATURE	-20°C to +70°C.
OPERATING TEMPERATURE	-10°C to +50°C.
RELATIVE HUMIDITY	95% maximum, non-condensing.
CE ENVIRONMENTAL	European EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC.

### Outline Dimensions in millimetres



### Ordering Codes

<b>SMW-HR/C</b>	High resolution weighing indicator and controller - Base Unit.
<b>SMW-HR/D</b>	High resolution weighing indicator and controller – DIN Rail Mounted.
<b>SMW-HR/BL</b>	High resolution weighing indicator and controller – Base Unit, Backlit LCD.
<b>SMW-HR/D/BL</b>	High resolution weighing indicator and controller – DIN Rail Mounted, Remote Backlit LCD.
<b>UAHRLC</b>	High resolution 19-bit input.
<b>LC1</b>	-20mA current loop communications port.
<b>LC3</b>	RS485/RS232 communications, to support ASCII and MANTRABUS protocols.
<b>LR1</b>	Dual relay output module.
<b>LS1</b>	AC power supply, 110/120V or 220/230V AC.
<b>LCD</b>	Display PCB for fitting to <b>LAC</b> , ABS case LCD.
<b>LCD/BL</b>	Display PCB as above but fitted with back light.
<b>LCDR</b>	Surface mount display board with driver.
<b>LCDR/BL</b>	Surface mount display board with driver, backlit.
<b>LP3</b>	Hand held programmer for high resolution input modules.
<b>LAC</b>	ABS case mounting enclosure prepared for PCB with front label.
<b>D2</b>	DIN rail mounting fixture.
<b>LCS</b>	Stainless steel panel for LCD. (Extended mounting).
<b>JBA</b>	Junction box active.
<b>JPA</b>	Junction box PCB (only) active.
<b>JPP</b>	Junction box PCB (only) passive.
<p><b>When PCM provide you with a quotation you will see an ordering code similar to this:</b>  <b>"SMW-HR/C-UAHRLC-LC3-LR1-LS1-0-D2-0"</b></p>	

### Disclaimer