



# Profibus DP Master Communications Module

**HEPBM650 & HE800PBM650**  
Profibus Master Module



This product has a detailed supplement available (MAN0575).

## 1 SPECIFICATIONS

PBM650		PBM650	
Communication ports	9-Way D-Type.	Nodes Supported	128 in 32 node Segments
Status LEDs	Ready Run Error Status	Supported Features	Profibus DP
Configuration	Via RS232 serial port or through Cbreeze / CsCape.	Baud Rate	9600, 19,200, 93.75, 187.5, 500 kBaud. 1.5, 3, 6, 12 Mbaud.
Network	2 Wire RS485	Supported Data Types	Bit, unsigned 8-Bit, unsigned 16-Bit String
General Specifications			
Required Power (Steady State)	1.5W (300mA @ 5VDC)	CE	MAN0005
Required Power (Inrush)	Negligible	UL	SUP0259
Relative Humidity	5 to 95% Non-condensing	Terminal Type	D-Type, Screw terminal
Operating Temperature	0° to 55° Celsius	Weight	1.9 g (9.5 oz.)

## 2 CONNECTOR / REGISTERS

Pin no	Signal	Pin No	Signal
1	PE (Do not use).	6	VP
2		7	
3	RXD/TXD-P	8	RXD/TXD-N
4	CNTR-A	9	
5	DGND	Shield	Shield

Figure 1 – Profibus Connector

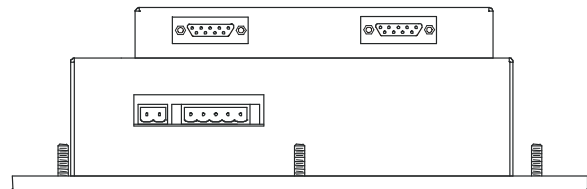


Figure 2 – Profibus Master on an OCS

### 3 INSTALLATION / SAFETY

**Warning:** Remove power from the OCS / TIU controller and any peripheral equipment connected to this local system before adding or replacing this or any module.

- a. All applicable codes and standards are to be followed in the installation of this product.

### 4 TECHNICAL SUPPORT

For assistance, contact Technical Support at the following locations:

#### EUROPE

Email: [tech.support@hornerirl.ie](mailto:tech.support@hornerirl.ie),  
Fax: +353 (0)21 4321 826  
Tel : +353 (0)21 4321 266  
Website : [www.horner-apg.com](http://www.horner-apg.com)

#### USA

Email: [techsppt@heapg.com](mailto:techsppt@heapg.com),  
Fax: +1 317 916 4274  
Tel: +1 317 916 4297  
Website : [www.heapg.com](http://www.heapg.com)