

HE800DNM650

DeviceNet Master Communications Module

A concise product reference based solely on Horner Automation document MAN0628-01-EN. Confirm system compatibility and current availability before purchase or installation.

Overview

The HE800DNM650 is a SmartStack metal DeviceNet master communications module. Horner lists the SmartStack Metal family as a legacy product line that is not available for order.

Key Features

Protocol	DeviceNet
Network services	Poll, bit-strobe, cyclic, change-of-state, and Class 2 explicit messaging
UCMM	Capable via Groups 1, 2, and 3 fragmented messages
Nodes supported	63 slaves
Configuration	RS232 serial port or Cbreeze / Cscape

Network and Power

Communication port	5-pin screw terminal
Maximum baud rate	500 kBaud
Input data	256 bytes per slave
Output data	256 bytes per slave
Required steady-state power	1.5 W (300 mA at 5 VDC)

Installation and Operating Conditions

Operating temperature	0 to 55 degrees C
Relative humidity	5 to 95%, non-condensing
Fieldbus terminal	Screw terminal
Programming terminal	D-Type

DeviceNet Connector

Pin	Signal
1	VIn
2	RXD/TXD-P
3	Shield
4	RXD/TXD-N
5	DGND

Safety and Compatibility

Disconnect power from the controller, connected peripheral equipment, and relevant circuits before adding or replacing the module. Use copper conductors only for field wiring, rated 60/75 degrees C. Verify controller support, I/O configuration, and DeviceNet network requirements before installation.

Source and Note

Source: Horner APG, HEDNM650 & HE800DNM650 Datasheet, MAN0628-01-EN. This quick reference does not replace the manufacturer manual (MAN0577) or site-specific engineering review.