HORNER SMARTSTACK EXACT-MODEL PRODUCT

HE800ADC140

HE800ADC140 is a Horner SmartStack metal four-channel 16-bit differential current input module. Match the exact module, per-channel current ranges, common-mode conditions, removable terminal, channel map, and controller configuration before replacement.

PRODUCT FAMILY	PRODUCT TYPE
SmartStack Metal I/O	**4-Channel 16-Bit Current Input Module**

Exact model configuration

CONFIGURATION FIELD	VERIFIED VALUE / CHECK
Displayed model	**HE800ADC140**
Manufacturer	**Horner Automation**
Product family	**SmartStack Metal I/O**
Product type	**4-Channel 16-Bit Current Input Module**
Input channels	**4 differential**
Selectable ranges	**+/-20 mA; 0-20 mA; 4-20 mA**
Resolution	**16-bit**
Input points required	**4**
Conversion time	**313 ms for all four channels**
Common-mode range	**+/-12 VDC**
Maximum error at 25 C	**0.05% full scale**
Maximum overcurrent	**100 mA**
Required power	**0.62 W at 24 VDC**
Country of origin	**USA**

Application fit

- Use only with a documented compatible Horner OCS and SmartStack metal I/O installation.
- Match the exact catalog number, removable terminal, signal range, channel count, and Cscape I/O map before replacement.
- Isolate applicable power, preserve wiring records, and validate every affected analog point before returning the machine to service.

PRODUCT-SPECIFIC REFERENCE	INSTALLATION NOTE
Horner MAN1254 identifies HE800ADC140 as the four-channel 16-bit differential current-input configuration with selectable bipolar, 0-20 mA, and 4-20 mA ranges.	Document each differential pair, selected range, common-mode reference, rejection setting, filter constant, shielding, and scaling before terminal transfer and controlled-loop testing.

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering HE800ADC140

Use this page as a controlled procurement checklist. It does not replace the manufacturer instruction sheet, wiring drawing, approval certificate, or site safety procedure.

Ordering limits and selected values

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Procurement checklist

- Confirm HE800ADC140 and its revision on the metal-case nameplate.
- Record four differential pairs, selected ranges, scaling, filters, and rejection rates.
- Verify common-mode conditions and the saved Cscape I/O map.
- Inspect twisted-pair shielding, grounding, and removable terminal condition.
- Commission all four channels with a calibrated current source and retain results.

DIRECT SALES INQUIRY

Send the full model **HE800ADC140**, quantity, delivery country, and a clear nameplate or installed-module photo.

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Source and document status

Technical basis	Horner Automation HE800ADC140 Data Sheet MAN1254 and SmartStack Metal I/O product page.
Publisher	Moore Automation - independent industrial automation supplier.
Document status	Independent product manual; not a manufacturer-issued datasheet, conformity certificate, or calibration certificate.
Important	Verify the complete nameplate, suffix, carrier or terminal hardware, wiring, approvals, and installed-system compatibility before ordering.