HORNER SMARTSTACK EXACT-MODEL PRODUCT

HE800ADC120

HE800ADC120 is a Horner SmartStack metal four-channel 12-bit current input module. Match the exact module, selected current ranges, loop wiring, removable terminal, channel map, and controller configuration before replacement.

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

Exact model configuration

CONFIGURATION FIELD	VERIFIED VALUE / CHECK
Displayed model	**HE800ADC120**
Manufacturer	**Horner Automation**
Product family	**SmartStack Metal I/O**
Product type	**4-Channel Current Analog Input Module**
Input channels	**4**
Input ranges	**0-20.47 mA; +/-20.47 mA**
Resolution	**12-bit**
Input points required	**4**
Converter	**Successive approximation**
Maximum error at 25 C	**0.05% full scale**
Input impedance	**100 Ohm below 12 VDC; clamped at 12 VDC**
Maximum overcurrent	**35 mA**
Required power	**0.09 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 MAN1253 identifies HE800ADC120 as the four-channel metal SmartStack current-input configuration for 0-20.47 mA or bipolar current signals.	Preserve four loop ranges, polarity, shielding, filter constants, scaling, and channel assignments before terminal transfer; then validate every channel with a calibrated current source.

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering HE800ADC120

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

- Match HE800ADC120 on the complete received-unit nameplate.
- Record all four current ranges, scaling, filter constants, and loop polarity.
- Confirm controller compatibility, SmartStack position, and the saved Cscape project.
- Inspect loop wiring, shielding, grounding, and removable terminal condition.
- Commission all four current inputs across representative values and retain results.

DIRECT SALES INQUIRY

Send the full model **HE800ADC120**, quantity, delivery country, and a clear nameplate or installed-module photo.

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Source and document status

Technical basis	Horner Automation HE800ADC020 / HE800ADC120 Data Sheet MAN1253 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.