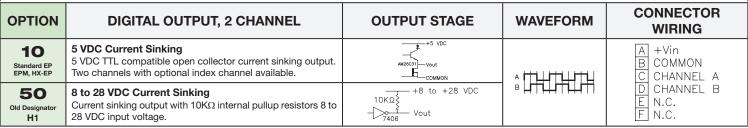
## **HX-EP SERIES**

### **WIRING AND CIRCUIT DIAGRAM**

# INSTALLATION GUIDE





OPTION	DIGITAL OUTPUT, 2 CH W/ INDEX	OUTPUT STAGE	WAVEFORM	CONNECTOR WIRING
11 Standard EP EPM, HX-EP With INDEX	5 VDC Current Sinking 5 VDC TTL compatible open collector current sinking output. Two channels with optional index channel available. 11 is same as Option 10 but adds the INDEX (Z) channel.	+5 VDC  ANZ8C31 Vout  COMMON	A B Z	A +Vin B COMMON C CHANNEL A D CHANNEL B E CHANNEL Z
51 Old Designator H1I	8 to 28 VDC Current Sinking Current sinking output with $10 \mathrm{K}\Omega$ internal pullup resistors 8 to 28 VDC input voltage. 51 is same as Option 50 but adds the INDEX (Z) channel.	+8 to +28 VDC 10KΩ 10KΩ Vout		

OPTION	DIGITAL OUTPUT / LINE DRIVE	OUTPUT STAGE	WAVEFORM	CONNECTOR WIRING
20 Old Designator H2	5 VDC TTL Current Sinking Differential Line Drive Current sinking line drive output with $2K\Omega$ internal pullup resistors. 5VDC input voltage.	2ΚΩ +5 VDC	A THE	A +Vin B COMMON C CHANNEL A D CHANNEL A E CHANNEL B F CHANNEL B
30 Old Designator H5	5 VDC Push-Pull Differential Line Drive Push-Pull, current sourcing and current sinking output. 5 VDC input voltage. Output is compliant with requirements of TIA/EIA-422-B.	+5 VDC  AM26C31 Vout  COMMON		
60 Old Designator H3	8 to 28 VDC Current Sinking Current sinking output with 10KΩ Pullup resistors, 8 to 28 VDC input voltage.	+8 to +28 VDC 10κΩ Vout		
<b>70</b> Old Designator H4	8 to 28 VDC Push-Pull Differential Line Drive Push-Pull, current sourcing and current sinking output. 8 to 28 VDC input voltage.	+8 to +28 VDC		

OPTION	DIGITAL OUTPUT, LINE DRIVE W/ INDEX	OUTPUT STAGE	WAVEFORM	CONNECTOR WIRING
21 Old Designator H2I	<b>5 VDC TTL Current Sinking Differential Line Drive</b> Current sinking line drive output with $2K\Omega$ internal pullup resistors. 5VDC input voltage. <b>21</b> is same as Option <b>20</b> but adds the INDEX (Z) channel.	+5 VDC 2ΚΩ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		A +Vin B COMMON C CHANNEL A D CHANNEL A
31 Old Designator H5I	5 VDC Push-Pull Differential Line Drive Push-Pull, current sourcing and current sinking output. 5 VDC input voltage. Output is compliant with requirements of TIA/EIA-422-B. 31 is same as Option 30 but adds the INDEX (Z) channel	+5 VDC  AM26C31 Vout  COMMON		
61 Old Designator H3I	8 to 28 VDC Current Sinking Current sinking output with $10 \mathrm{K}\Omega$ Pullup resistors, 8 to 28 VDC input voltage. <b>61</b> is same as Option <b>60</b> but adds the INDEX (Z) channel.	+8 to +28 VDC 10κΩ \{ 7406 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	B 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	E CHANNEL B F CHANNEL B G CHANNEL Z H CHANNEL Z
<b>71</b> Old Designator H4I	8 to 28 VDC Push-Pull Differential Line Drive Push-Pull, current sourcing and current sinking output. 8 to 28 VDC input voltage. 71 is same as Option 70 but adds the INDEX (Z) channel.	+8 to +28 VDC 7272 Vout COMMON		

## **HX-EP SERIES**

4.75\* (120.7)

\*5.62 (142.9) ON "HX-V" AND "HX-VP" SERIES

#### **DIMENSIONAL INFORMATION**

## **INSTALLATION GUIDE**

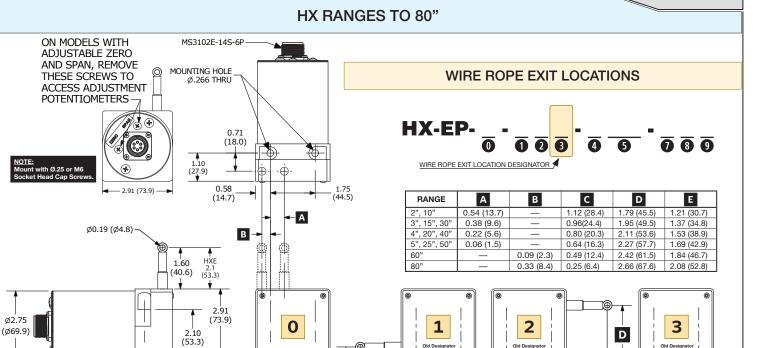
Old Design

E →

1.60

(40.6)

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#### **HX RANGES TO 100" TO 2000"**

2.68 (68.1)

С

(14.7)

€ MOUNTING HOLES

Old Desig

Old Design

– HXE 4.43 (112.5)

3.93 (99.8)

[dimensions in brackets are millimeters]

