NPEXB-HM31 single input, single output

Input: 4 ~ 20 mA
Output: 4 ~ 20 mA

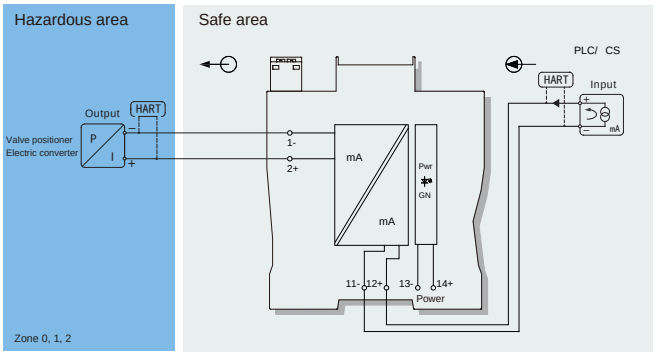
Accepts 4～20mA signal from safe area to drive executive mechanisms in hazardous area, It allows transmission of HART communication signals. The input, output, and power supply are

side.

Technical data

Power supply:	
Power dissipation:	<
Input signal:	4 ~ 20mA, HART
Input voltage drop:	< 1.2V
	When the output load resistance was detected less
	When the output load resistance was detected more
	breakage. If the output is in the fault, the input current value is limited to within 1mA and the output current value is limited to 3mA.
Output signal:	4 ~ 20mA, HART
Load resistance:	
Accuracy:	± .
Temperature drift:	°C
Response time:	
Electromagnetic compatibility:	IEC 61326-3-1
	non-intrinsically safe side)
	safe side)
Insulation resistance:	
Operation temperature:	-20°C ~ +60°C
Storage temperature:	-40°C ~ +80°C

Wiring diagram



Explosive-proof parameters

National Supervision and Inspection Center for Explosion Protection and Safety of Instrumentation (NEPSI)

Explosive-proof grade: [Ex ia Ga] II C

Um: 250 V

Certified parameters (Terminals 1, 2):

Uo=28V, Io=93mA, Po=651mW

II C	Lo=4mH
II B	Lo=12mH
II A	Lo=32mH