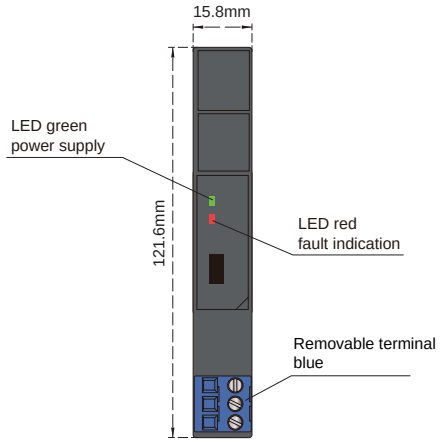
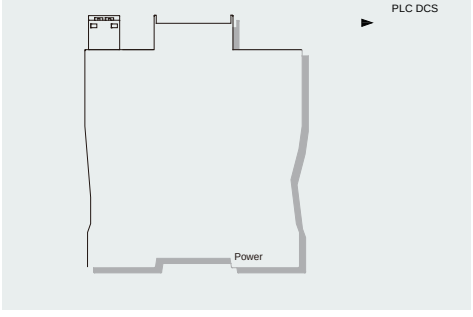
single input, single output

Input: RTD
Output: 4 ~ 20 mA

Temperature input safety barrier, it converts the thermal resistance signals from a hazardous area into current signals to a safe area by isolation. The input, output, and power supply are galvanically isolated from each other. A self-test feature is also available on this device. You can use PC or handheld programmer to modify parameters.



Power supply:	18 V DC~32 V DC (Reverse power protection)
Power dissipation:	1.0 W (24V DC, single output)
Input signal:	RTD
Line resistance:	
Output signal:	4 ~ 20 mA
Load resistance:	RL
Temperature drift:	°C
Response time:	
Electromagnetic compatibility:	IEC 61326-3-1
Dielectric strength:	
	non-intrinsically safe side)
	non-intrinsically safe side)
Insulation resistance:	
Operation temperature:	-20°C ~ +60°C
Storage temperature:	-40°C ~ +80°C
Dimension:	15.8 mm (W) × 121.6 mm (H) × 104.8 mm (D)
Output states:	Default following mode, it can be configured as 4mA~20mA NE43 mode or fixed output mode.



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, 3)
Uo=7.3V, Io=27mA, Po=50mW
II C Lo=28mH
II B Lo=84mH
II A Lo=224mH

NPEXA-H2☒

The output signal[note1]

note1 Output signal

Number	Output
1	4~20mA
2	1~5V
3	0~10mA
4	0~5V
5	0~10V
6	0~20mA