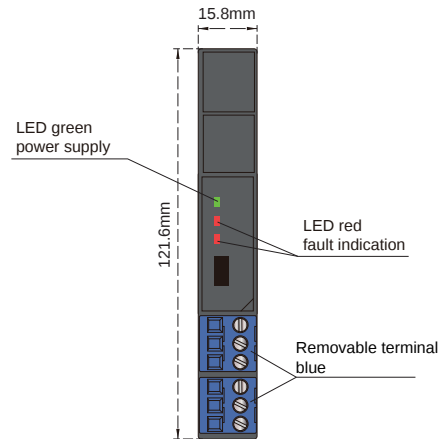


double input, double output

Input: RTD

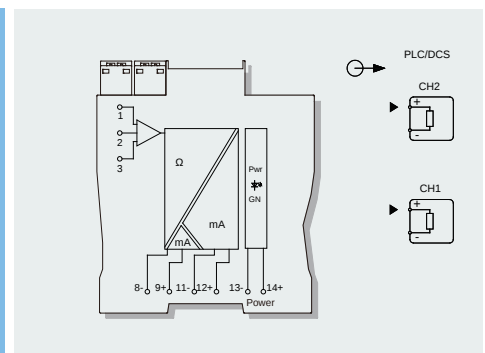
Output: 4 ~ 20 mA

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:	1.5 W (24V DC, double output)
Input signal:	RTD
Line resistance:	$\leq 20 \Omega$ per line (RTD)
Output signal:	4 ~ 20 mA
Load resistance:	$R_L \leq 500 \Omega$
Temperature drift:	0.01%F.S./ $^{\circ}\text{C}$
Response time:	$\leq 1\text{s}$
Electromagnetic compatibility:	IEC 61326-3-1
Dielectric strength:	$\geq 2500 \text{ V AC}$ (intrinsically safe side / non-intrinsically safe side) $\geq 500 \text{ V AC}$ (Power supply side / non-intrinsically safe side)
Insulation resistance:	$\geq 100 \text{ M}\Omega$ (Input /Output/Power supply)
Operation temperature:	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Storage temperature:	$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
Dimension:	15.8 mm (W) $\times$ 121.6 mm (H) $\times$ 104.8 mm (D)
Output states:	Default following mode, it can be configured as 4mA~20mA NE43 mode or fixed output mode.

Zone 0, 1, 2



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; 4, 5, 6):
Uo=7.3V, Io=27mA, Po=50mW
II C Co=12μF Lo=28mH
II B Co=151μF Lo=84mH
II A Co=700μF Lo=224mH