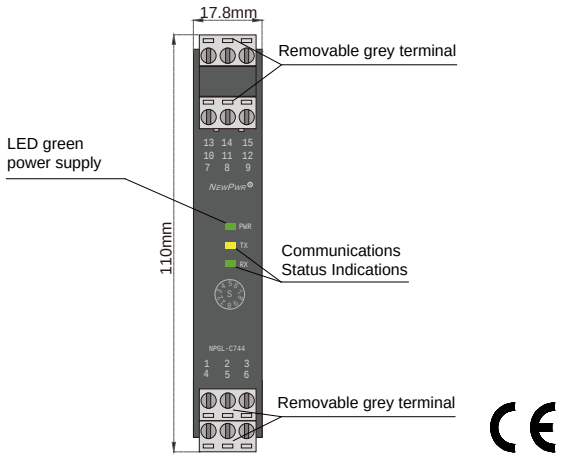
NPGL-C744

Single input, single output

Input: CAN
Output: CAN

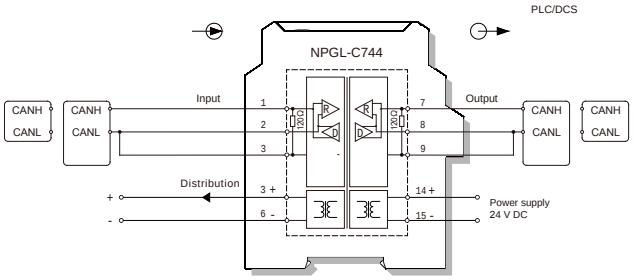
This isolator converts the CAN digital signals to CAN digital signals, and provides isolated power supply for field devices. The input, output, and power supply are galvanically isolated from each other.



Parameters

Power supply:	18 V DC ~ 60 V DC (Reverse power protection)
Power dissipation:	≤ 2 W (Distribution: 8 V/9 V/12 V, 50 mA)
	≤ 4 W (Distribution: 5 V/ 6 V, 100 mA)
Input signal:	CAN
Control mode:	half-duplex
Output signal:	CAN
Transmission delay:	≤ 2 μs
Transmission rate:	≤ 300 kbps
Drive nodes:	≤ 10
Distribution voltage:	Refer to rotary switch setting
Voltage tolerance:	±10%
Electromagnetic compatibility:	IEC 61326-3-1
Dielectric strength:	≥ 1500 V AC (Input/Output/Power supply)
Insulation resistance:	≥ 100 MΩ (Input/Output/Power supply)
Operation temperature:	-20 °C ~ +60 °C
Storage temperature:	-40 °C ~ +80 °C
Dimension:	17.8 mm (W) × 110 mm (H) × 117 mm (D)

Wiring diagram



Rotary switch setting

Rotary switch	Distribution
S0	5V DC，100mA
S1	6V DC，100mA
S2	8V DC，50mA
S4	9V DC，50mA
S8	12V DC，50mA