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Sink Outp er

➔ Introductions

This isolated safety barrie
it from a hazardous area i
also provides transmitters w
DIN rail power supply functio
allows transmission of HART co
The input, output, and power sup
from each other. The main advanta
barrier are fast response, low diss
stability.

➔ Parameters

Explosive-proof grade: [Ex ia Ga] IIC

Power supply:

Connection type: Terminals (9+, 10-) or DIN rai

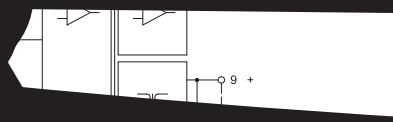
Rated voltage: 18 V DC ~ 60 V DC (Recommende
V DC)

l: 0(4) ~ 20 mA, 0 ~ 10 mA; (Please see the
details)

75 Ω

ng diagram

Single input, single output



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➔ Dimension

Width × Height × Depth: 12.8 mm × 110 mm × 117 mm

➔ Applications

This apparatus is used for transmitting signals between field devices and process control system. It can be used to connect field equipment which is installed in potentially explosive gas environment, and protect the intrinsically safe equipment in a hazardous area by limiting current and limiting voltage.

The apparatus can convert the current signals into current signals, and then transmit the output signal to the connected process control system.

➔ BUS Specification

arrow shown, pull downward the springs, and rotate the safety barrier.

D. Remove the safety barrier as arrow shows.

- ❍ As far as possible to mount it vertically, In order to dissipation the heat of the apparatus.

Vertically installation

➔ Light indication

- ❍ **PWR**: Power indicator light shows green, it means work normally.

➔ Attention

- ❍ Isolated Safety Barriers degree of protection is IP 20 and must be protected from undesirable ambient conditions (waterproofing, small foreign objects). It is suitable for installation in the control room or high density field cabinet, DIN 35 mm installation is convenient for installation and displacement.
- ❍ The devices were designed for use in pollution degree 2 and overvoltage category III as per IEC/EN 60664-1. If used in areas with higher pollution degree, the devices need to be protected accordingly.
- ❍ Installation position shall not be affected by strong mechanical vibration; impact and electromagnetic induction from signal terminal and power supply, should conformity with the requirements on electromagnetic