

NPEXB-H513L

single input, single output

Input: wet contact

Output: 60mA

By switch signal controlling, transfers the digital signals (wet contact) from safe area into current signals to hazardous area, and drives field device like intrinsically safe valves, audible alarms, etc. The input, output are galvanically isolated from each other.

Technical data

Loop Powered:	20 V DC~30 V DC (Reverse power protection)
Power dissipation:	≤ 2.2W
Input signal:	wet contact
Output voltage:	> 13.2V DC
Open-circuit voltage:	21.5V DC
Output current:	

Response time:
Electromagnetic
compatibility:
Dielectric strength:

Insulation resistance:
Operation temperature:
Storage temperature:
Dimension:

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 B

Um: 250 V

Certified parameters (Terminals 1, 2):

Uo=25.2V, Io=190mA, Po=1190mW

II B Co=0.82μF Lo=3.9mH

II A Co=2.9μF Lo=10.4mH