

NPEXA-HM3D1S1S double input, double output signal

This isolated safety barrier detects loop current and converts it from a hazardous area into current (sink) signals to a safe area by isolation, and also provides transmitters with power in the hazardous area. It allows transmission of HART communication signals. The input, output, and power supply are galvanically isolated from each other.



Technical data

mupeatua

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 C

Um: 250 V

Certified parameters (Terminals 1, 3; 4, 6):

Uo=5V

II C

II B

II A

Certified parameters (Terminals 2, 3; 5, 6):

Uo=28V, Io=93mA, Po=651mW

II C

Lo=4mH

II B

Lo=12mH

II A

Lo=32mH

