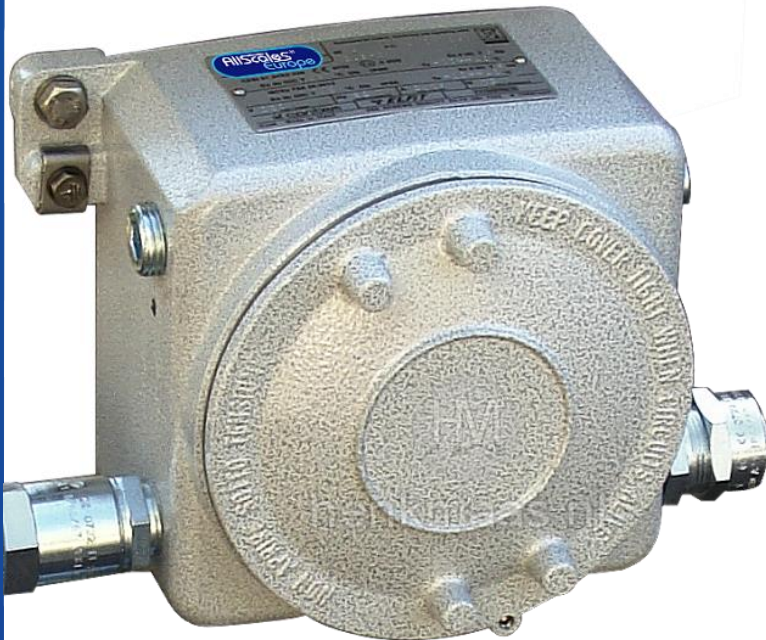


# Explosion Protected Power Supply

model **ASPS-2GD**

Power supply unit and input / output module, protection according to ATEX II (2)2G, [Ex ib] / Ex d IIC T4 Gb and ATEX II (2)2D, [Ex ib] / Ex tb IIIC T140°C Db, application in explosion hazardous environments, Zone 1 & 21.



## Properties

- power supply for indicator INDATEX 2GD, with 4 Exi data inputs
- transforms dangerous voltages from a safe environment to an intrinsic safety voltage
- up to 4 intrinsically safe inputs and 4 intrinsically safe outputs, allowing signals to be received from the outside and equipment and relays with higher current consumption in the ASPS-2G housing can be controlled
- designed in accordance with ATEX94 / 9 / CE directive and EN60079-0 / 60079-11 / 60079-31 standards
- aluminum alloy housing, protection class II 2GD Ex d IIC Ex tD A21 IP66
- versions for various voltages: 230Vac, 115Vac, 24Vac, 24Vdc
- features intrinsically safe power output:
  - Vmax: 10,5 Vdc
  - Imax: 140 mA
  - Uo: 12,6 Vdc
  - Io: 340 mA
  - Lo: 700 µH
  - Co: 6,8 µF
- intrinsic safety:
  - Ui: 40 Vdc
  - li: 30 mA
  - Li: 0 µH
  - Ci: 0 µF
- Note: If the inputs and outputs are powered via an intrinsically safe voltage within the ASPS-2GD, the total maximum current of the 4 inputs and outputs is 40 mA; if only one output is used, this is 20 mA
- supplied with 1 m connection cable to indicator
- unprotected:
  - Umax: 48 Vac o 60Vdc
  - Imax: 150 mA

