

JUMO Ex-i repeater power supply/ input isolating amplifier

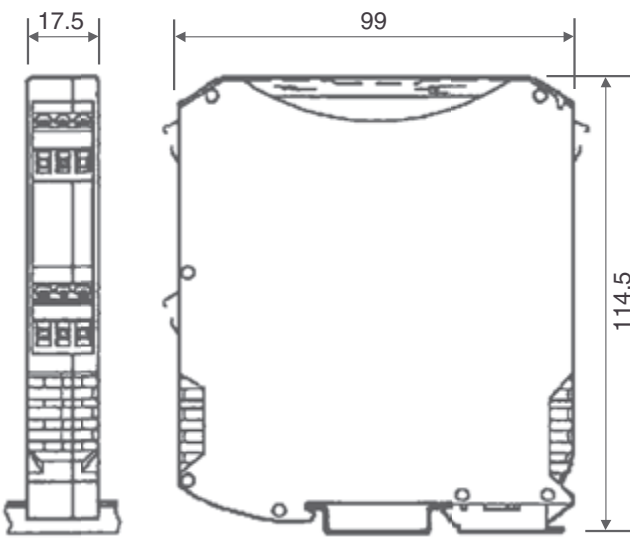


For operation of intrinsically safe Ex-i transmitters and mA current sources

- HART-capable
- Wide-range power supply
- The output can also be used via a DIP switch on the front with a voltage signal from 0/1 to 5V
- Three-way electrical isolation
- SIL approval according to IEC 61508 allows for use in safety-related applications up to SIL 2



JUMO Ex-i repeater power supply/ input isolating amplifier



Brief information

The JUMO Ex-i supply and input isolation amplifier 707530 is designed for operation of intrinsically safe (EX-i) transmitters and mA current sources installed in Ex areas. The connected 2-wire transmitters are supplied with energy and analog measurement values from 0/4 to 20 mA are transferred from the Ex area to the non-Ex area.

Technical data

Type	707530
Designation	JUMO Ex-i supply and input isolation amplifier
ATEX identification marking	<ul style="list-style-type: none"> ⊕ II (1) G [Ex ia] IIC/IIB ⊕ II (1) D [Ex iaD] ⊕ II 3 (1) G Ex nA [ia] IIC/IIB T4
Input	0 to 20 mA or 4 to 20 mA
Output	0 to 5 V, 1 to 5 V, 0 to 20 mA, 4 to 20 mA (active/passive)
Voltage supply	24 to 230 VAC/DC
Operating temperature	-20 to +60 °C
Storage temperature	-40 to +80 °C
Enclosure width	17.5 mm
Protection type	IP 20 according to EN 60 529
Mounting site	Outside the Ex area
Transmission behavior	Linear
Configuration	Via DIP switches
Special features	HART [®] -capable

Block diagram

