

## DOCUMENTATION



Sensor power supply JK1000A2 & JK1000A4 are designed to provide low cost solutions for all 2 wires problems of sensors supply, it allows isolation of supplied loop and, because of its current limitation, protection sensor against current overload in case of short circuit. This supply range is designed in a JM Concept case unplugged from its rail DIN base.

- JK1000A4 Sensor power supply 4 outputs isolated in two groups.

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OUTPUTS CHARACTERISTICS

**VOLTAGE output** < 24 V

**CURRENT OUTPUT** 22 mA for each output  
40mA 1 & 3 for channel 1 & 3, if channel 2 & 4 not used (JK1000A4)

OTHER CHARACTERISTICS

**ISOLATION**

Supply / output	2500Vac - 1mn - 50Hz
Channel 1 / Channel 2	No isolation
Channel 3 / Channel 4	No isolation
Channel 1&2 / Channel 3 & 4	2500Vac - 1mn - 50Hz
Operating temperature	-10°C / +60°C
Storage temperature	-25°C / +80°C

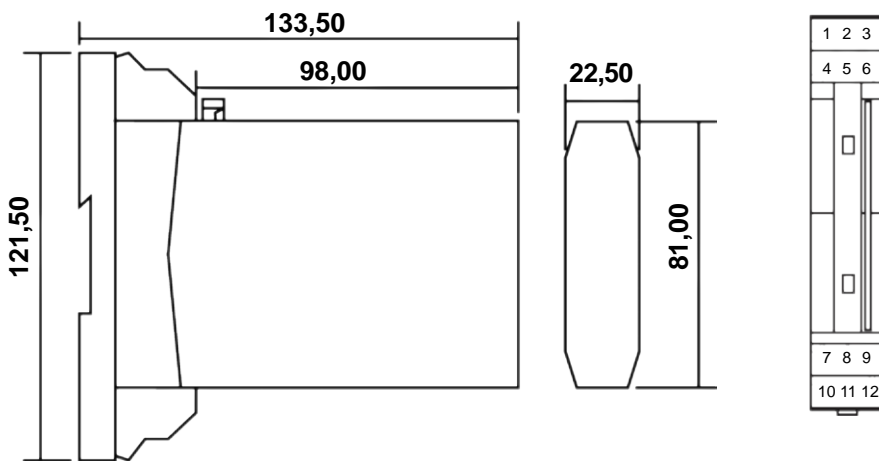
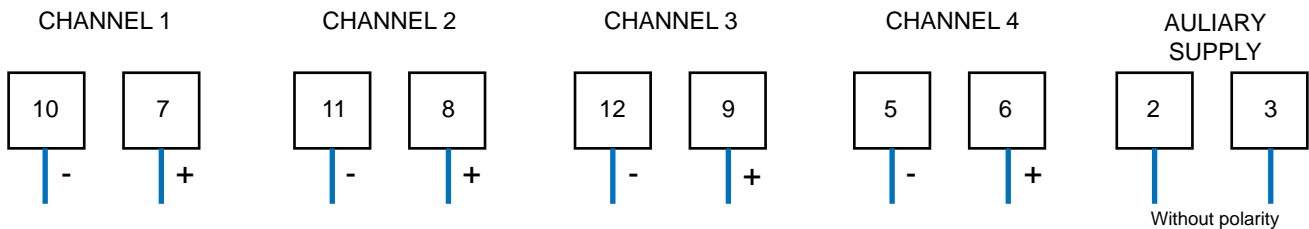
**AUXILIARY SUPPLY**

Universal supply	20Vdc/370Vdc & 80Vac/256Vac
Option	20Vac/60Vac
Maximal consumption	< 4VA

**INDEX PROTECTION** IP20

**CASE** Self extinguishable  
black polyamide ULV0

CONFIGURATION - WIRING - DIMENSIONS



Wiring base has to be separately ordered

CASE 22,5mm

BASELINE