



# JK2001

# JK2002



JK2001 & JK2002 are self supplied loop isolator designed to provide low cost and easy solution for all signals isolation problems and interferences on analogue loop.

This isolator range is designed in a very small size case that can be mounted on symmetric or asymmetric DIN rail.

JM Concept loop isolators are declined in 2 ranges :

- JK2001 Isolator input 0/4/20mA, output 0/4/20mA (1 channel).
- JK2002 Input 0...4/20mA, output 0...4/20mA (2 separated channels in the same case).



**JM Concept**  
une vision d'avance

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## TECHNICAL CHARACTERISTICS

### INPUT CHARACTERISTICS

CURRENT (DC)	0...4/20 mA
MAXIMUM INPUT VOLTAGE	<28Vdc
MAXIMUM INPUT CURRENT	<50mA

### OUTPUT CHARACTERISTICS

CURRENT	0...4/20 mA
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### OTHER CHARACTERISTICS

#### OTHER CHARACTERISTICS

Output impedance JK2001 & JK2002	150Ω < Rc < 550Ω
Output impedance JK20S1 & JK20S2	0Ω < Rc < 250Ω
Precision	< 0.15 (Rc-350Ω – Temp=25°C)
Thermal drift	< 50ppm
Response time	< 30 ms
Operating temperature	-10°C / +60°C
Storage temperature	-25°C / +80°C

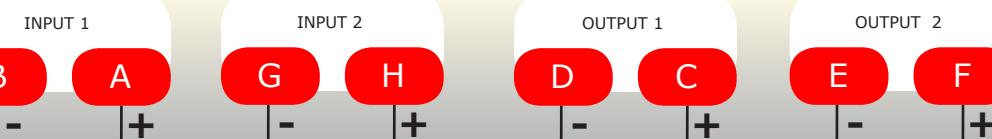
#### ISOLATION

Input / Output	2000Vac - 1mn - 50Hz
Channel 1 / Channel 2	totally separated
AUXILIARY SOURCE	Self-supplied by input loop without auxiliary supply
PROTECTION INDEX	IP20
CASE	Self-extinguishable grey polyamide UL V0

## OPTIONS REFERENCE

OPTIONS	PRODUCT CODE
Varnish option	JK2001-T ou JK2002-T

## DIMENSIONS AND TERMINALS



### DIMENSIONS

