



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 symetric 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).



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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	$150\Omega < R_c < 550\Omega$
Output impedance JK20S1 & JK20S2	$0\Omega < R_c < 250\Omega$
Precision	$< 0.15 (R_c=350\Omega - \text{Temp}=25^\circ\text{C})$
Thermal drift	$< 50\text{ppm}$
Response time	$< 30 \text{ ms}$
Operating temperature	$-10^\circ\text{C} / +60^\circ\text{C}$
Storage temperature	$-25^\circ\text{C} / +80^\circ\text{C}$

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

Varnish option

PRODUCT CODE

JK2001-T ou JK2002-T

DIMENSIONS AND TERMINALS

INPUT 1

B

A

-

+

INPUT 2

G

H

-

+

OUTPUT 1

D

C

-

+

OUTPUT 2

E

F

-

+

DIMENSIONS

