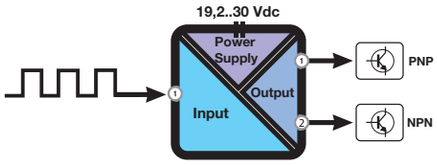


K112

UNIVERSAL DIGITAL COUPLER/ISOLATOR



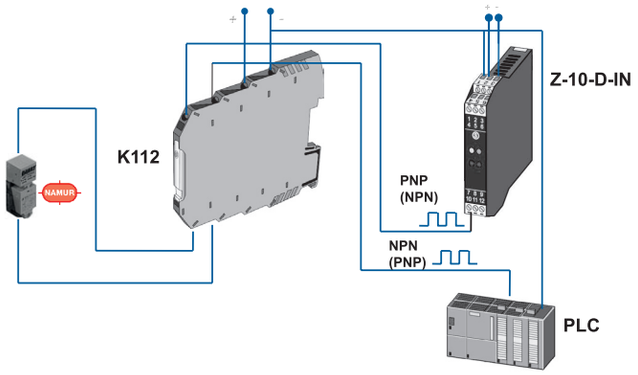
K112 isolation module has been designed to adapt specific on/off sensors to a standard NPN and/or PNP connection. It's a useful solution to interface a proximity sensor with a plc. The two outputs (PNP and NPN) can be utilized simultaneously. A 2-way galvanic isolation among input // output circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

General Data	
Power supply	19,2..30 Vdc
Power consumption	500 mW
Isolation	1.500 Vac (2 way)
Transducers Power Supply	Yes
Status Indicators	Power, output state
Accuracy	-
Response time	-
Settings	Dip-switches
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temperature	-20..+65 °C
Dimension (W x H x D)	6,2 x 93,1 x 102,5 mm
Input	
Channel Numbers	1
Pulses	Contact IEC 1131.2 (type1) Namur (DIN 19234, EN 60947-5-6) NPN / PNP (12 o 22 V) 2/3 wires Reed Photocell Max frequency: 400 Hz
Output	
Channel Numbers	1
Contact	PNP e NPN simultaneous channels Max current 200 mA Max voltage 30 V (continuous), 50 V (pulse)
Standard	
Approval	CE
Norms	EN 50081-2; EN 55011; EN 50082-2; EN 61000-2-2/4; EN 50140/141; EN 61010-1

APPLICATION NOTE

Isolated digital coupling Namur sensor - acquisition system / PLC



ORDER CODES

Code	Description
K112	Universal digital coupler/isolator, power supply 19,2..30 Vdc

ACCESSORIES & SOFTWARE



K-BUS
Backplane for power connection
pg. 114



K-SUPPLY
Redundant power supply module
pg. 114

SIMILAR PRODUCTS



Z104
DC current/voltage to frequency isolator/converter
pg. 93



Z111
Frequency to DC current/voltage isolator/converter
pg. 94



K111
Isolated dual output frequency trip amplifier
pg. 111



S311D
Frequency / digital input indicators - totalizers
pg. 124

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