

ADJUSTABLE 4-20mA OUTPUT SIGNAL GENERATOR



TYPES: Y24D4-20i, Y24A4-20i, Y110A4-20i, Y230A4-20i

FEATURES

- Din Rail Mounted
- Separate Input & Output LED Indication
- Input Voltage 24VDC, 24VAC, 110VAC, 230VAC
- Output 4-20mA Adjustable
- CE Marked
- RoHS Compliant

DESCRIPTION

A conveniently packaged Din rail mounted AC or DC voltage input to an adjustable 4-20mA output module. Designed for process control systems with "HAND / OFF / AUTO" applications. For example, when in "HAND" a signal anywhere between 4mA and 20mA needs to be forced into instrumentation equipment rather than a default 20mA signal. The product is also useful for system testing and commissioning applications.

The product can be specified with either a 24VDC, 24VAC, 110VAC or 230VAC supply voltage. In the case of 24VDC isolation between the supply voltage and the output is via an internal DC to DC converter. With an AC supply voltage isolation is via an internal transformer.

The output signal is an adjustable 4-20mA via a front mounted potentiometer. A healthy supply voltage is indicated via an illuminated green LED and a healthy output via an illuminated red LED.

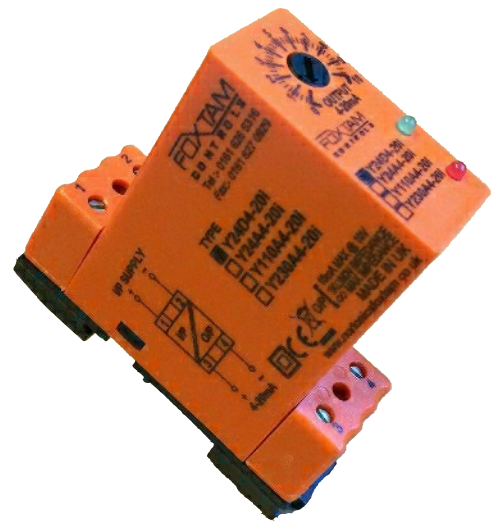
SPECIFICATIONS

Input Supply

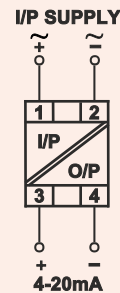
Nominal Input:	24VDC, 24VAC, 110VAC, 230VAC
Output:	4-20mA
Max Output Load:	750 Ohms
Supply Healthy:	Via Green LED
Output Healthy:	Via Red LED
Output Voltage Regulation:	<0.5%

General

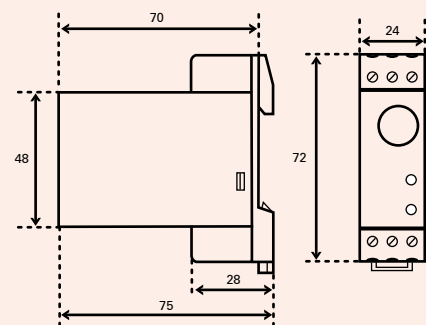
Operating Temperature:	-20°C to +65 °C
Storage Temperature:	-20°C to +65 °C
Humidity:	95%Rel H max
Isolation Voltage I/P-O/P:	1500V for 1 min
CE Marked:	Yes
Standards Applied:	EN60950-1 EN6100-6-3 EN61010-1
Material Housing:	Polycarbonate Auto extinguishable to UL 94V-0
RoHS Compliant:	Yes



CONNECTIONS



DIMENSIONS



ORDERING INFORMATION

TYPE	INPUT VOLTAGE	ADJUSTABLE OUTPUT
Y24D4-20i	24VDC	4-20mA
Y24A4-20i	24VAC	4-20mA
Y110A4-20i	110VAC	4-20mA
Y230A4-20i	230VAC	4-20mA