Counter/ Preset Counter

KOBOLD

DAG-Z2

- Counter / Preset Counter in 74 x 32 mm Format
- Universal AC/DC Power Supply
- Input Frequency up to 100 kHz
- 2-Line LED Display
- Easy Programming by Front Keys or Software
- Two Relay Outputs

Description

The compact KOBOLD DAG-Z2 can be set as either a single or double counter, each with independent settings. The three universal digital inputs (NPN, PNP, TTL) can be used for bi-directional encoder readings, UP/DOWN counter function, or LOCK/HOLD to lock the current visualization. One analog input allows setpoint modification by an external potentiometer. It offers a brilliant display and a rugged housing. With a variety of modes and scaling options, the DAG-Z2 is an economical option for many applications.
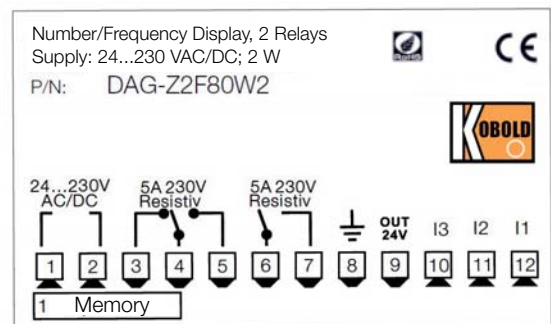
Specifications

Display:	2-Line, LED Display
Upper Line:	Count Value, 4-Digit
	10.2 mm, Green Digits
Lower Line:	Setpoint, 4-Digit
	7.6 mm, Red Digits
Indicators:	Two Red Indicators for Relay Output
	Status and a Yellow Indicator for
	Serial Communication
1, 2:	On, when Output is Active
Buttons:	4 Front Keys for Programming
	and Establishing Setpoints
Inputs:	Three Digital Inputs, can be Configured
	as NPN, PNP, or TTL. Programmable
	Thresholds for Activation as a HIGH/LOW,
	Active Rising Edge, or Level Triggered.
	Input I3 can be used for Connecting
	Potentiometer (0...5/10 kΩ) for Setting the
	Nominal Value (Resolution: 1000 Steps)
Input Function:	Counting Direction, Stop, Hold, Wait,
	Setpoint Input (I3)
Input Frequency:	1 Hz to 100 kHz
Relay Output:	1 SPDT Relay, Max. 5A @ 230 VAC
	and 1 N/O Contact, Max. 5A @ 230 VAC
Excitation:	24 VDC
	Max. 30 mA (24 VAC Power Supply)
	Max. 40 mA (24 VDC Power Supply)
	Max. 60 mA (110...230 VAC Power Supply)
Supply:	24 VAC/VDC...230 VAC/VDC ± 15%

Data Security:	Password Protected Access to Setpoint,
	Alarm Values and Parameters
Programming:	Menu-guided via Front Keys
Protection:	IP 65 from the Front (with Rubber Seal)
	IP 20 from the Back
Housing:	Rugged Black Plastic
Dimensions:	77 mm W x 35 mm H x 53 mm D
	Panel Cut-out at 28.5 mm x 70.5 mm
Connection:	Screw Terminals
Ambient Conditions	
Temp:	0...45 °C
Humidity:	35...95% RH, non-condensing
Weight:	Approx. 100 grams

Wiring Diagram

Number/Frequency Display, 2 Relays
Supply: 24...230 VAC/DC; 2 W

P/N: DAG-Z2F80W2

CE

24...230V AC/DC   5A 230V Resistiv   5A 230V Resistiv   OUT 24V   I3   I2   I1

1   2   3   4   5   6   7   8   9   10   11   12

1   Memory

Order Details

Model
DAG-Z2 F 8 0 W 2