

# Model KLP-3



## 4-20mA Signal Isolation and Conditioners Module

### DESCRIPTION

The KLP-3 series signal conditioners modules are used for electrical isolation and conversion of analog signals. The module input and output electronics are isolated by a DC/DC converter from the auxiliary supply. The module also provides the power supplies for the 2-wire 4-20mA sensors or transmitters. The KLP-3 modules ensure reliable decoupling of a sensor circuit from the processing circuit and thus also avoid cross-coupling of several sensor circuits. The 3-way isolation means that the modules can be used universally, both on the site and in the vicinity of the controller for the conversion of signals and as electrical isolation, and along the transmission path to bridge apparent.

### PERFORMANCE SPECIFICATIONS

Supply	24VDC (18-30V)
Power	2W
Input Range	2-wire 4-20mA sensor or transmitter
Output	1 output or 2 outputs Current: 4-20mA (load<350Ω) Voltage: 0-5VDC(load >550Ω)
Accuracy	±0.1% (25°C)
Response time	<0.5s (0-90%RH)
Temperature stability	Temperature: <0.015% /°C
Operating environment	-5°C ~55°C; 0%RH~90%RH
Mounting dimension	26mm x 81mm x81mm

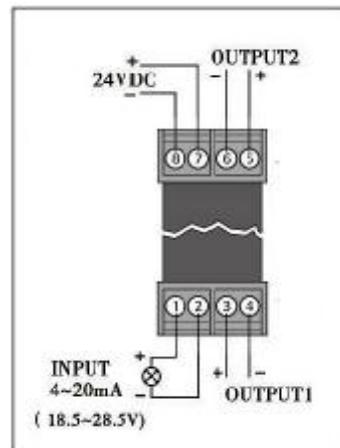
### ORDER CODES

KLP-3		
	1	4-20mA (input signal)
	1	4-20mA (the first output)
	2	0-5Vdc (the first output)
	0	None second output
	1	4-20mA (the second output)
	2	4-20mA (the second output)

### FEATURES

- The 3-way isolation (input, output and supply)
- Supply for the 4-20mA signal sensors or transmitter.
- 0.1% accuracy
- One or two output (4-20mA or 0-5Vdc)

### ELECTRICAL CONNECTION



### MOUNTING DIMENSION

