



Product Model:VICTOR 05

Product Name:VICTOR 05 Loop Calibrator

Products:Process Calibrator

Detail:

VICTOR 05 Loop Calibrator

| Input | Range | Input range | Resolution | Accuracy | Explanation |
|--------------|-------|-----------------|------------|---------------------|-----------------------|
| Voltage | 28V | -0.200 ~28.000V | 1mV | ±0.02% reading ±2mV | Input resistance 2MΩ |
| Current | 20mA | -1.000~22.000mA | 0.001mA | ±0.02% reading ±4uA | Input resistance 20MΩ |
| Loop current | 20mA | 0.000~22.000mA | 0.001mA | ±0.02% reading ±4uA | Supply 24V loop power |

| Output | Range | Input range | Resolution | Accuracy | Explanation |
|---------------------|-------|----------------|------------|------------------------------|-------------------------------------|
| Current | 20mA | 0.000~22.000mA | 0.001mA | ±0.05% Setting value ±4uA | 20mA,the max.overload is 1kΩ(Note1) |
| Analogue transducer | -20mA | 0.000~22.000mA | 0.001mA | ±0.05% Setting value ±4uA | 20mA,the max.overload is 1kΩ(Note2) |
| Loop power | 24V | | | ±10% | The max.output current is 25mA |

| | |
|----------------------------|---|
| Power | 9V battery (ANSI/NEDA 1640A or IEC 6LR619 alkaline) or AC power adapter |
| Battery | Approx. 20 hours under the condition of 10mA |
| Max.allowable voltage | 30V |
| Operation temperture range | 0-50°C |
| Operation humidity range | ≤80%RH |
| Store temperature range | ≤-10°C-50°C |
| Store humidity range | ≤90%RH |
| Size | 200×100×40mm |
| Weight | 550g(with holster) |

| | |
|-------------|---|
| Accessories | Operation manual,test line CF-36(probe with alligator clip) |
| Options | AC adapter(VCPS),test line CF-31-A(probe clip) |
| Security | Conforms to IEC 1010 |

Note:

- 1.The max.overload is $1k\Omega$ at 20mA range when the power is higher than 6.8V,
The max.overload is 700Ω at 20mA range when the power is higher than 5.8-6.8V,
- 2.Power supply range:DC 5-25V
- 3.Temperature coefficient: $\pm 0.005\%$,range/ $^{\circ}C$ ($5^{\circ}C$ - $18^{\circ}C$, $28^{\circ}C$ - $40^{\circ}C$)