

novotechnik

Siedle Group

MODEL SR245 Position Indicator / Controller

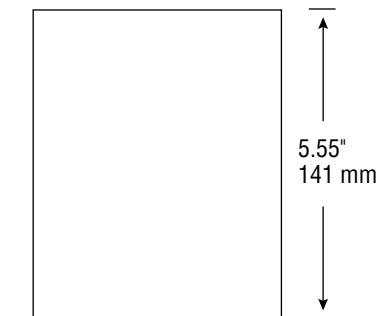
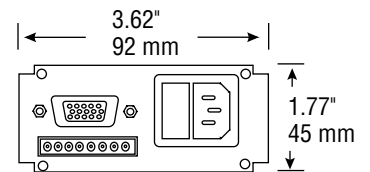
Features:

- ±99,999 count display
- ±19,999 count A/D converter
- Designed for Novotechnik Position Transducers
- Pushbutton ZERO
- Pushbutton CALIBRATION
- (4) Digital Setpoints
- CE compliant



Specifications:

Excitation voltage:	2 VDC ±10%
Excitation current:	50mA max
Signal input range:	2 VDC full scale
Max internal counts:	±19,999 over signal input range
Max display range:	±99,999
Conversion rate:	2.5 samples per second standard 25 samples per second (optional)
Filter:	2-pole 10Hz low pass
Nonlinearity:	±0.01% ±1 internal count
Step response time:	500ms (typ)
Max safe input:	150 V (peak-to-peak)
Operating range:	-10° to +50°C
Power:	115 or 230 VAC (internal jumper selectable)
Panel cutout:	3.62" (92 mm) x 1.77" (45 mm)
Dimensions:	3.78"W x 1.89"H x 5.13"D



Options:

Setpoint relays:	(2) setpoint relay outputs (HI and LO) (4) setpoint relay outputs (2-HI and 2-LO)
Analog output:	4-20mA or ±10 VDC
Serial communications:	Serial RS232 (transmit only) output

CE Compliance:

Emissions:	Conducted & Radiated per EN50081-2: 1993 and EN 55011: 1998. AC Harmonics and Flicker Testing per EN 61000-3-2 and EN 61000-3-3.
Immunity:	ESD per EN 61000-6-2: 1999 and EN 61000-4-2: 1995 RFI per EN 61000-6-2: 1999 and EN 61000-4-3: 1995 Fast Transients per EN 61000-6-2: 1999 and EN 61000-4-4: 1995 Surges per EN 61000-6-2: 1999 and EN 61000-4-5: 1995 Conducted Immunity: per EN 61000-6-2: 1999 and EN 61000-4-6: 1996
Safety:	Low Voltage Directive per EN 61010-1: 1993

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Transducers

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