

1900C SERIES



- Provides compact digital display of any desired unit of pressure, temperature, level, force, or flow measurement
- Dual range 4 mA to 20 mA or 10 mA to 50 mA
- 3-1/2 digit, 0.6" high display with a span range of 0 to 1999
- Positive image reflective LCD
- Span and zero offset capabilities
- Negative pressure and overpressure indication
- Selectable decimal point position
- Compact, lightweight, impact-resistant NEMA 4X, IP65 housing with sealed front bezel
- Fits DIN standard cut-out 2.68" (68 mm) x 1.30" (33 mm)
- CE compliant to suppress RFI, EMI, and ESD

APPLICATIONS

Suitable for a wide variety of applications requiring pressure, flow, level, force and temperature measurement, including:

- Process indication
- On/off pump controls
- Compressor controls
- Safety or shutdown alarms

SPECIFICATIONS

Input signals	4 mA to 20 mA	
Process display	3½ digit, 0.6" liquid crystal display (-1999 to 1999)	
Power requirement	1900C-1/1900C-2	Loop powered by sensors excitation
	Power consumption	160 Ω max. @ 20 mA 65 Ω max. @ 50 mA
	Voltage drop	3.2 Vdc
Electrical connection	Screw terminals at back of case	
Memory	EEPROM	
Accuracy	±(0.1% + 1 digit)	
Humidity	85% max., non-condensing	
Vibration	5-500 Hz, 5g	
Shock	30 g	
Normal rejection mode	60 dB 50/60 Hz	
Altitude	Up to 2,000 meters	
Update rate	400 msec	
Temperature ranges	Operating	32 °F to 140 °F (0 °C to 60 °C)
	Effect	100 ppm/°C
	Storage	-40 °F to 176 °F (-40 °C to 80 °C)
Electromagnetic rating	CE compliant to EMC norm EN 61326-1	
	RFI, EMI and ESD protection	
Environmental rating	NEMA 4X, IP65 (front of display only)	
Linearization	2 point	
Weight	3.3 oz.	

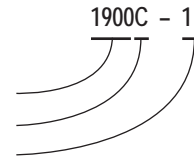
Note: See page 14-15 for more information on backlights & displays.
See page 16 for 1900C wiring diagram, including the backlight feature.

ORDERING INFORMATION	
SERIES	1900
INPUT SIGNALS	C Current
INDICATIONS	1 Positive image reflective LCD 2 Positive image reflective LCD backlight

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE

Series1900 Series
 Input signalCurrent
 Option.....Positive image reflective LCD



OPTIONAL POWER SUPPLIES		
MODEL	INPUT	OUTPUT
PS1	115 Vac	12 Vdc
PS2	115 Vac	24 Vdc

