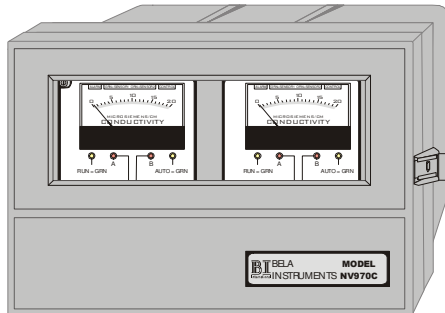


Model 970 Conductivity Analyser For Contacting Type sensors



- Universal mounting
- Economical - ideal for custom system designs
- Modular construction simplifies field servicing
- Single Dual channel (optional)
- Range expandable outputs
- Versatile relay operation
- 1/2 DIN NEMA 4X enclosure

Specifications

Operational

Display	Analog meter with 3 - 1/2" mirrored scale.
Measuring Range	0 - 20 μ S/cm
Ambient Conditions	-30 to 70 °C, 0-100% R.H., non-condensing
Relays(Both)	Two SPDT contact outputs, U. L. rating 5 A 115 V/ 230 VAC, 5A @ 30 VDC resistivity referred to 25°C AUTO/MAN/OFF switch at 3 μ S/cm (field adjustment facility available)
Control alarm set points	Fixed in the increasing mode Relay A ~ 4 μ S/cm
Indicators	LED lights Orange when respective relay energizes
Temp. Compensation	Automatic 0 - 100°C; manual available at: 25, 50, 70, 80, 90°C Switch Selectable
Power Requirement	98-132 VAC, 50/60 Hz (less than 5VA), Optional 195-265 VAC, 50/60 Hz
Analog Output	Expandable and non-isolated* 4-20 mA & 825 ohm max load

* Non - isolated outputs are isolated from ground and line power but not from the input or each other. The isolated output is isolated from the input, ground, line power and all other outputs.

Analyser Performance:

Sensitivity	0.1% of span
Stability	0.1% of span per 24 Hrs,
Non-linearity	0.5% of span
Temp-drift	zero and span 0.02% of span/°C
Response Time	3 sec to 90% of value upon step change

Analyser Mechanical:

Enclosure	NEMA 4X (Dust - tight, weather proof, corrosion resistant, universal mount)
Mounting Configuration	Panel, Surface, Pipe - horizontal vertical pipe mounting optional
Net weight	Approx. 5.5 Kg max

Ordering Information

NV-970-C-1	Single channel contacting conductivity analyser
NV-970-C-2	Dual channel contacting conductivity analyser

Enclosure Dimensions & Mounting

Inches (mm)

