

Cole-Parmer® Conductivity/ Resistivity 1/8-DIN Controllers

Don't struggle to read measurements—backlit LCD for clear display



- Get more measurement accuracy with automatic temperature compensation
- Select either programmable on/off relays or isolated and reversible 4-to-20 mA output
- Easy installation with universal power input from 100 to 240 VAC

COND 300 controller has two sets of programmable on/off relays for high/low control to activate an alarm, a pump, or another device.

COND 350 controller has an isolated and reversible 4-to-20 mA output for conductivity or resistivity that allows it to be used as a proportional output.



Description		COND 300	COND350
Catalog number		GH-05802-02	GH-05802-04
Range	Conductivity	0.000 µS to 19.99 mS	
	Resistivity	0.5 to 19.99 MΩ	
	Temperature	14 to 248°F (-10 to 120°C)	
Resolution	Conductivity	0.001 to 0.1 mS	
	Resistivity	0.01 to 0.1 MΩ	
	Temperature	0.1°C	
Accuracy	Conductivity	±0.5% ±1 digit	
	Resistivity	±0.5% ±1 digit	
	Temperature	±0.3°C	
Temperature compensation		Automatic 10 KΩ at 25°C	
Display		Backlit LCD	
Output	Relay	Two SPDT relays	
	Current	—	Isolated 4 to 20 mA
Dimensions (W x H x D)		3¾" x 1⅞" x 4¼" (96 x 48 x 110 mm)	
Power		100 to 240 VAC, 50/60 Hz	
Price			

Accessories

[GH-17090-30](#) NIST-traceable calibration with data for conductivity controller

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Find all the product specs you need!

Cole-Parmer® Conductivity/ TDS 1/4-DIN Controllers

Ready to go when you are



- Easy, one point calibration saved in memory to measure upon start-up
- Extended options include isolated and reversible 4-to-20 mA output and RS-485 output for remote access
- Ensure security of system with password protection

Large graphic LCD with backlight simultaneously displays conductivity or TDS, temperature, cell constant, temperature coefficient, relay status, and transmitter current output. User-selectable cell constants, reference temperature and temperature coefficients, and automatic temperature compensation ensure measurement accuracy.

COND 500 controller has one isolated and reversible 4-to-20 mA output and three sets of programmable on/off relays: two for conductivity and one for temperature—ideal for high/low control to activate an alarm, a pump, or another device.

COND 550 controller has two sets of isolated and reversible 4-to-20 mA output for conductivity and temperature that allows it to be used as a proportional output. Also includes two sets programmable on/off relays.

Compatible with a 10 KΩ thermistor conductivity cell.



Description		COND 500	COND 550
Catalog number		GH-05802-06	GH-05802-08
Range	Conductivity	0.000 to 300,000 µS	
	TDS	0.000 to 150,000 ppt	
	Temperature	14 to 248°F (-10 to 120°C)	
Resolution	Conductivity	0.001 µS to 0.1 mS	
	TDS	0.001 ppm to 0.1 ppt	
	Temperature	0.1°C	
Accuracy	Conductivity	±0.5% ±1 digit	
	TDS	±0.5% ±1 digit	
	Temperature	±0.3°C	
Temperature compensation		Automatic 10 KΩ at 25°C	
Cell constant		0.01, 0.1, 1.0, 10 cm, 2- or 4-wire	
Control type		On/off (limit)	
Output	Relay	Three SPDT relays	Two SPDT relays
	Current	Isolated 4 to 20 mA	Two isolated 4 to 20 mA
Power		115 to 230 VAC, 50/60 Hz	
Price			

Accessories

[GH-17090-30](#) NIST-traceable calibration with data for conductivity controller