






E-direct Displays and Recorder Selection Guide

	RIA250	RIA251	RIA261	RIA452
Description				
	Digital display module	Digital loop-powered display (panel mount)	Digital loop-powered display (weatherproof)	Digital process display (panel mount)
Loop Supply	✓			✓
Power Supply	90-253V AC 18-36V DC	Loop powered, Ex	Loop powered, Ex	90-250V AC 20-36V DC/20-28V AC
Analog Input	1 (Current, Voltage, RTD, TC)	1 Current	1 Current / 1 RTD, TC	1 (I, V, RTD, TC, R)
Analog Output	1 (Current, Voltage)			1
Relay	2			4 x changeover
HART® suitable	✓	✓	✓	
Dimensions (HxWxD)	1.89" x 3.78" x 5.90" (48 x 96 x 150 mm) 1/8 DIN	1.89" x 3.78" x 3.54" (48 x 96 x 90 mm) 1/8 DIN	3.15" x 6.93" x 2.56" 80 x 175 x 60 mm	3.78" x 3.78" x 6.61" (96 x 96 x 168 mm)
Benefits	ReadWin 2000 operation	Less voltage drop in current loop	Use in direct sunlight, display with backlight	7 digit display, alternating pump control
Approvals	NEMA 4/IP 65 (front) NEMA 1/IP 20 (terminals)	NEMA 4/IP 65 (front) NEMA 1/IP 20 (terminals) ATEX/FM/CSA	NEMA 4X/IP 66 ATEX/FM/CSA	NEMA 4/IP 65 (front) NEMA 1/IP 20 (casing) FM/CSA available
Applications	Linearization (up to 32 points) for the input signal (e.g. tank applications)	Display, power supply, separate, linearize, switch, transform	Outdoor display applications	Use in control rooms, switch cabinets, lab equipment, plant and process engineering, fixed or mobile measuring systems

	Ecograph T RSG30
Description	
	Paperless recorder
Features	Display, data logger and communication gateway in one unit. Cost effective solution to all recording and monitoring applications
Inputs	3 or 6 universal analog inputs, 1 digital input
Outputs	4 relays, 1 x 250 mA, 24V Loop power supply
Memory	Internal, and removable Compact Flash card
Communication	USB (std.), Ethernet, and RS232/485 for modem (opt.), PC software ReadWin® 2000
Power Supply	115 to 230V AC
Dimensions (HxWxD)	5.66" x 5.66" x 5.90"
Protection	NEMA 2 (front panel)
Alarm set points	14 alarm set points: Min., Max.