

90 / 91 Series FM Specification		90 0 00	90 0 02	90 0 04	90 1 00	90 1 02	90 1 04	91 0 00	91 0 02	91 0 04	91 1 00	91 1 02	91 1 04
X = Yes O = Optional Extra													
RECEIVER													
SWITCH TYPE	Output Switching - Relay	x	x	x	x	x	x	x	x	x	x	x	x
	Output Switching - FET's												
SUPPLY VOLTS	Nominal 12/24 Volts	x	x	x	x	x	x	x	x	x	x	x	x
	Absolute Max 40 Volts	x	x	x	x	x	x	x	x	x	x	x	x
	Minimum 8 Volts	x	x	x	x	x	x	x	x	x	x	x	x
CURRENT	Relay Rating 5 amps	x	x	x	x	x	x	x	x	x	x	x	x
	FET Rating 15 amps												
	System Rating 8 amps	x	x	x	x	x	x	x	x	x	x	x	x
	System Rating 15 amps												
	Overload Protection 15 amps (Auto Shutdown)												
AERIAL	Internal - supplied and fitted	x	x	x	x	x	x	x	x	x	x	x	x
	External 3m	O	O	O	O	O	O	O	O	O	O	O	O
	External - SMA Connection	O	O	O	O	O	O	O	O	O	O	O	O
OUTPUTS	Master - Parallel or Continuous Functions		x	x		x	x		x	x		x	x
	Master - Secondary / Continuous	2	2	4	2	2	4	2	2	4	2	2	4
CONFIGURATION	RS232 Programming Connection	O	O	O	O	O	O	O	O	O	O	O	O
PERFORMANCE	Simultaneous Outputs			x			x			x			x
	Instant Transmitter Response	x	x	x	x	x	x	x	x	x	x	x	x
DIAGNOSTICS	LED's - visual, internally	x	x	x	x	x	x	x	x	x	x	x	x
	LED's - visual, externally												
PROTECTION	ESR Safety	x	x	x	x	x	x	x	x	x	x	x	x
	Reverse Polarity	x	x	x	x	x	x	x	x	x	x	x	x
	Back EMF protection	x	x	x	x	x	x	x	x	x	x	x	x
	Conformal Coating												
	STOP Connection	O	O	O	O	O	O	O	O	O	O	O	O
WIRING	Wiring Loom 1.50m (5ft)	x	x	x	x	x	x	x	x	x	x	x	x
	Wiring Loom 3.00m (10ft)												
	Cable Gland(s) fitted	x	x	x	x	x	x	x	x	x	x	x	x
	Cable Gland(s) supplied												
	Connections - Plug	x	x	x	x	x	x	x	x	x	x	x	x
ENCLOSURE	Solid Lid	x	x	x	x	x	x	x	x	x	x	x	x
	Clear Lid												
	Solid Base	x	x	x	x	x	x	x	x	x	x	x	x
	Breather - Gortex fitted into base	x	x	x	x	x	x	x	x	x	x	x	x
	IP Rating 67	x	x	x	x	x	x	x	x	x	x	x	x
	Mountings - 4 external lugs	x	x	x	x	x	x	x	x	x	x	x	x
TRANSMITTER													
SWITCH	Switch Type - Rubber Membrane	x	x	x				x	x	x			
	Switch Type - Tactile Dome				x	x	x				x	x	x
POWER	Battery 9 Volt Alkaline				x	x	x				x	x	x
	Battery Coin Cells x 2 CR2032	x	x	x				x	x	x			
PROTECTION	Reverse Polarity Protected	x	x	x	x	x	x	x	x	x	x	x	x
	IP Rating 55				x	x	x				x	x	x
	IP Rating 65	x	x	x				x	x	x			
	Registration Codes 16 million+	x	x	x	x	x	x	x	x	x	x	x	x
PERFORMANCE	Range 150ft nominal	x	x	x									
	Range 200ft nominal				x	x	x						
	Range 500ft nominal							x	x	x			
	Range 1000ft nominal										x	x	x
MODEL	Mini (0) - Wide Band Module	x	x	x									
	Mini (0) - Narrow Band Module							x	x	x			
	Standard (1) - Wide Band Module				x	x	x						
	Standard (1) - Narrow Band Module										x	x	x