Transceiver

ERA-80/QC

Identification Systems

Description

The ERA-80/QC Transceiver/Receiver used with a BALOGH Control Board allows Reading and/or Writing of Electronic TAGS. Consult with BALOGH for latest configurations.

Dimensions:
235 mm
x
80 mm
x
40 mm

Connections

Connection is made between a BALOGH Control Board and Transceiver with a four conductor twin-shielded cable with wiring connections as follows:

Please consult the Assembly Manual for mounting/positioning recommendations or call BALOGH for further help.

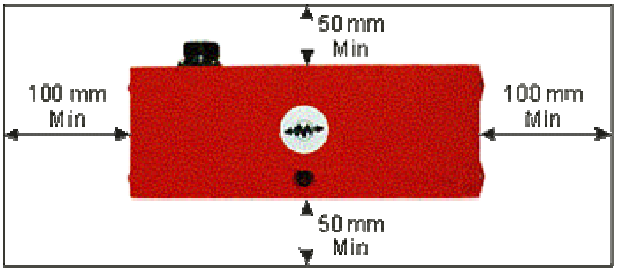
Revised: December 18, 2003

Transmitting Characteristics

				OF/OFR 93 83	OF/OFR 85 56	OC 93	OMA 851	OMA 931 831	GIE 851	ERA 80
Maximum Range		H	mm	26	32	32	40	28	40	160
Static Transmission Zone	Typ. Height at Sr	Sr	mm	10	13	14	16	11	16	64
	Typ. Length at Sr	L	mm	200	220	220	220	200	220	240
	Typ. Width at Sr	I	mm	40	50	45	50	40	50	60
Dynamic Transmission Zone	Minimum Length at Sr	LSr	mm	180	200	200	200	180	200	220
	Maximum Lateral Offset	DSr	mm	12	20	12	15	10	15	20
	Maximum angular Offset	<°	°	20						

Characteristics at 25° C	Symbol	Unit	
Power Supply (<10% ripple)	Ual	V DC	24
Voltage Tolerance	Dual		
Max Current Consumption	Im	mA	150
Min Ambient Temperature	Tmin	C°	-25
Max Ambient Temperature	Tmax	C°	+70
Distance Between Transceivers	Der	mm	
Protection Degree	IP		65
Weight	M	g	500
Casing			Rilsan

The Transceiver is not to be mounted in a recessed metal cavity. A minimum metal free clearance surrounding the Transceiver is required.



To avoid interference between two Transceivers, there must be a minimum space between them.