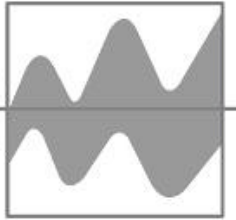


BALOGH



Transceiver ERP-121/QC

Identification Systems

with Remote Antenna
175x175x50

Characteristics

Description:

The ERP-121/QC Transceiver when used with a BALOGH Control Board allows Reading and/or Writing of "OP", "OV", "TV" Read/Write TAGS, or "OJ" Read Only TAGS.

Connections:

Connection is made between a BALOGH Control Board and Transceiver with a BALOGH twin pair, twin shielded Transceiver cable.

Cabling:

The ERP-121/QC is designed to properly connect with BALOGH'S full line of Shielded Polyurethane jacket cable sets. Please contact BALOGH for additional connector/cabling information.



140mm x 60mm x 79mm

	Symbol	Unit	WITH ELECTRONIC TAG		
			TV-50	OP-30	OP-20
Maximum Range	H	mm	135	80	50
Static Transmission Zone: Height (at Sr)	Sr	mm	54	32	20
Typical Length (at Sr)	L	mm	170	170	170
Typical Width (at Sr)	W	mm	170	170	170
Dynamic Transmission Zone:	LSr	mm	160	160	160
Min. Length (at Sr)					
Maximum Lateral Offset	DSr	mm	60	60	60
Maximum Angular Offset	<°	°	360	360	360
Distance Between Two Transceivers	Der	mm			
Zone Without Metal Present			See Assembly Manual		
Power Supply (< 10% Ripple)	Ual	V DC	24		
Voltage Tolerance	dUal		-10% to +10%		
Maximum Current Consumption	Im	mA	150		
Minimum Ambient Temperature	Tmin	°C	-25		
Maximum Ambient Temperature	Tmax	°C	+70		
Protection Degree	IP		65		
Weight	M	g	400		
Casing			Plastic		
Interior Electronic Protection Material					
Max. Length cable To Control Board		m	50		
Protected Against: Polarity Reversal			Yes		
Load Short-Circuit			Yes		