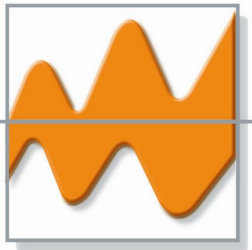


BALOGH



WWW.BALOGHRFID.COM

TCI-100 Transceiver RFID Transceiver

Industrial RFID Transceiver

Gray Product Range



Compatible Tags

TAI

Light Industrial Read/Write Tags

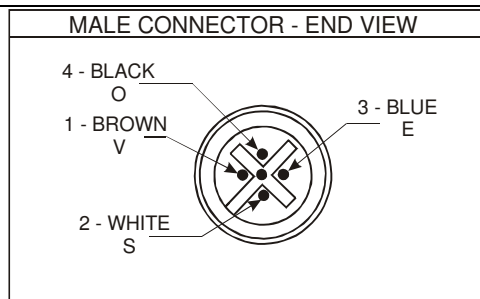
Description

The TCI-100 Transmitter/Receiver used with a BALOGH Control Board allows Reading and/or Writing of Electronic TAGS

Characteristics

- Power Supply (<10% Ripple) 24 V DC
- Voltage Tolerance -20% +15%
- Max Current Consumption 150 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- Distance Between Transceivers 1200 mm
- IP 65 Rated
- Weight: 550 g
- PBT-GF 30-V0 & Zamac Casing
- Polyurethane Potting
- Protected Against Polarity Reversal
- Protected Against Load Short-Circuit

QC Connector Pin-Out



QC Connection to Main Board

Terminals

Connections

1

+V DC

2

Output

3

Input

4

0V DC

Tag Compatibility Information Chart

Tag Type		TAI-22 L	TAI-28 L	TAI-50 L	TAI-ISO	TAI-22 D	TAI-28 D
Maximum Range		85 mm	85 mm	155 mm	175 mm	85 mm	85 mm
Static Transmission Zone	Typical Height at Sr	34 mm	34 mm	62 mm	70 mm	34 mm	34 mm
	Typical Length at Sr						
	Typical Width at Sr						
Dynamic Transmission Zone	Minimum Length at Sr						
	Max Lateral Offset						
	Max Angular Offset						

Tag Compatibility Information Chart

Tag Type		TAI-50 D					
Maximum Range		150 mm					
Static Transmission Zone	Typical Height at Sr	62 mm					
	Typical Length at Sr						
	Typical Width at Sr						
Dynamic Transmission Zone	Minimum Length at Sr						
	Max Lateral Offset						
	Max Angular Offset						

Dimensional Drawing

