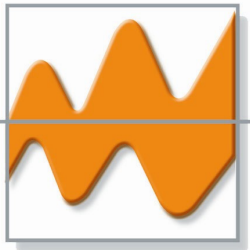


BALOGH



WWW.BALOGHRFID.COM

TCI-40 Transceiver RFID Transceiver

Industrial RFID Transceiver

Gray Product Range



Compatible Tags

TAI

Light Industrial Read/Write Tags

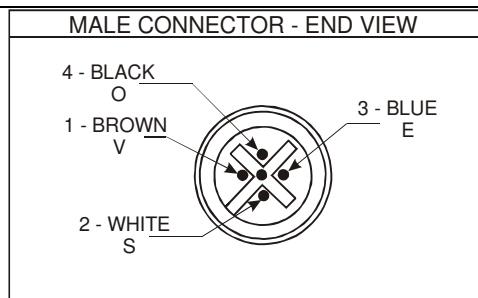
Description

The TCI-40 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 60 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- Distance Between Transceivers 120 mm
- IP 65 Rated
- Weight: 180 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		40 mm	40 mm	80 mm	90 mm	40 mm	40mm
Static Transmission Zone	Typical Height at Sr	20 mm	20 mm	40 mm	45 mm	20 mm	20 mm
	Typical Length at Sr	40 mm	40 mm	70 mm	80 mm	40 mm	40 mm
	Typical Width at Sr	40 mm	40 mm	40 mm	40 mm	40 mm	40 mm
Dynamic Transmission Zone	Minimum Length at Sr						
	Max Lateral Offset						
	Max Angular Offset						

Tag Compatibility Information Chart						
Tag Type		TAI-50 D				
Maximum Range		80 mm				
Static Transmission Zone	Typical Height at Sr	40 mm				
	Typical Length at Sr	70 mm				
	Typical Width at Sr	40 mm				
Dynamic Transmission Zone	Minimum Length at Sr					
	Max Lateral Offset					
	Max Angular Offset					

